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1977
March

NATIONAL INSTITUTES OF HEALTH

NEW GRANTS AND AWARDS

Arranged by State, City and Institution

Announced During

MARCH 1977



REPORT 19M

U.S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service

NOTICE

TO REDUCE PRINTING AND MAILING COSTS, AND TO CONSERVE LABOR INVOLVED IN THE PRODUCTION AND DISTRIBUTION OF THIS PUBLICATION (19M) IT WILL IN FUTURE BE PUBLISHED QUARTERLY. THE NEXT ISSUE WILL INCLUDE THE APRIL, MAY, AND JUNE 1977 LISTINGS UNDER ONE COVER.

PREPARED BY

NATIONAL INSTITUTES OF HEALTH

DIVISION OF RESEARCH GRANTS

STATISTICS AND ANALYSIS BRANCH

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SYMBOLS USED TO IDENTIFY THE SUPPORTING INSTITUTE OR DIVISION

AG NATIONAL INSTITUTE ON AGING
 AI NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES
 AM NATIONAL INSTITUTE OF ARTHRITIS, METABOLISM, AND DIGESTIVE DISEASES
 CA NATIONAL CANCER INSTITUTE

CA DIVISION OF CANCER RESEARCH RESOURCES AND CENTERS
 CB DIVISION OF CANCER BIOLOGY AND DIAGNOSIS
 CM DIVISION OF CANCER TREATMENT
 CO OFFICE OF THE DIRECTOR, NCI
 CP DIVISION OF CANCER CAUSE AND PREVENTION

DE NATIONAL INSTITUTE OF DENTAL RESEARCH
 ES NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES
 EY NATIONAL EYE INSTITUTE
 GM NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES
 HD NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT
 HL NATIONAL HEART, LUNG, AND BLOOD INSTITUTE
 LM NATIONAL LIBRARY OF MEDICINE
 NS NATIONAL INSTITUTE OF NEUROLOGICAL AND COMMUNICATIVE DISORDERS AND STROKE
 OD OFFICE OF THE DIRECTOR, NIH
 RR DIVISION OF RESEARCH RESOURCES
 RS DIVISION OF RESEARCH SERVICES
 TW FOGARTY INTERNATIONAL CENTER

GRANTS AND AWARDS ANNOUNCED DURING MARCH 1977

I/D	RESEARCH GRANTS*		RESEARCH CAREER PROGRAM AWARDS		R & D CONTRACTS		TRAINING GRANTS		FELLOWSHIP AWARDS		CONSTRUCTION GRANTS		MEDICAL LIBRARY GRANTS		OTHER AWARDS	
	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT
AG	5	357,197			1	55,102	3	208,502	5	56,800						
AI	13	583,132			1	63,016			4	47,200						
AM	42	2,335,980	1	25,000					12	130,800						
CA	51	2,808,156							55	592,364						
CB					1	65,800										
CM					1	94,271										
CO					1	411,692										
CP					5	472,736										
DE	16	354,445	5	114,280					9	95,600						
ES	19	1,022,995							2	20,000						
EY	15	703,530	1	23,914					11	120,035						
GM	22	889,206					21	1,320,083	1	13,200						
HD	31	1,357,370			5	740,298	8	388,589	22	237,471						
HL	58	2,655,230							37	415,400						
LM	5	72,407			2	354,904							9	278,010		
NS	22	926,266			1	3,000	12	735,440	55	604,800						
OD					1	75,390										
RR	3	384,929														
RS					1	96,000										
TW	302	14,450,843	7	163,194	20	2,432,209	44	2,652,614	215	2,372,043			9	278,010		

*INCLUDES DIRECT COST ONLY FOR NIH RESEARCH GRANTS.

NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA			
BIRMINGHAM			
UNIVERSITY OF ALABAMA IN BIRMINGHAM			
HL20856-01	CONRAD, MARCEL E	PLATELET TRANSFUSIONS: USAGE AND COMPLICATIONS	55,955
INSTITUTION TOTAL	1		55,955
CITY TOTAL	1		55,955
STATE TOTAL	1		55,955
ARIZONA			
TUCSON			
UNIVERSITY OF ARIZONA			
HD10781-01	BRENDEL, KLAUS	PLACENTAL BASEMENT MEMBRANES IN HEALTH AND DISEASE	44,320
EY01868-01	MEEZAN, ELIAS	BASEMENT MEMBRANES OF THE EYE IN DIABETIC RETINOPATHY	57,920
CA21134-01	SALMON, SYDNEY E	ADJUVANT THERAPY OF CANCER	17,340
INSTITUTION TOTAL	3		119,580
CITY TOTAL	3		119,580
STATE TOTAL	3		119,580
CALIFORNIA			
BERKELEY			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY			
AM19577-01	BROOKS, GEORGE A	TRACER STUDIES ON LACTATE METABOLISM DURING EXERCISE	34,071
AM19520-01	MACHEN, TERRY E	TRANSITIONS AND TRANSPORT IN GASTRIC MUCOSA	20,369
AM19970-01	OACE, SUSAN H	DIETARY FIBER AND BIOAVAILABILITY OF MICRONUTRIENTS	45,616
CA21245-01	PENHOET, EDWARD E	STRUCTURE AND MODIFICATION OF MAMMALIAN TRANSFER RNA	36,176
GM23349-01A1	YUND, MARY A	HORMONAL REGULATION OF GENE ACTIVITY IN DROSOPHILA	26,392
INSTITUTION TOTAL	5		162,624
CITY TOTAL	5		162,624
DAVIS			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS			
AI13708-01A1	BRUENING, GEORGE E	MECHANISMS OF IMMUNITY TO VIRUS INFECTION	42,270
AM19833-01	GULYASSY, PAUL F	ABNORMAL PROTEIN BINDING IN UREMIA	68,407
RR01078-01	HAMILTON, WILLIAM J, III	PRIMATE SOCIOECOLOGY: A NUTRITIONAL APPROACH	46,276
INSTITUTION TOTAL	3		156,953
CITY TOTAL	3		156,953

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RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
IRVINE			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT IRVINE			
GM23999-01	SYMPHERD, PAUL S	DEVELOPMENTAL CHANGES IN THE PROTEIN-SYNTHETIC APPARATUS	46,963
INSTITUTION TOTAL	1		46,963
CITY TOTAL	1		46,963
LA JOLLA			
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
CA21791-01A1	STALLCUP, WILLIAM B	SURFACE ANTIGENS OF NEURAL CELLS	30,325
CA21408-01	VERMA, INDER M	GENETIC ORGANIZATION OF RNA TUMOR VIRUSES	56,853
INSTITUTION TOTAL	2		87,178
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
AM20043-01	WILSON, CURTIS B	IMMUNOPATHOLOGY OF RENAL DISEASE IN MAN	150,000
INSTITUTION TOTAL	1		150,000
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
HL20564-01	PRONEK, KITTY	PATHOGENESIS OF PERIPHERAL ARTERIAL DISEASE	55,227
GM23983-01	GOODMAN, MURRAY	BIOLOGY AND CHEMISTRY OF PEPTIDES	10,000
CA19731-01A1	SATO, GORDON H	HORMONAL REQUIREMENT OF CELLS IN VITRO AND IN VIVO	40,000
NS13733-01	SPITZER, NICHOLAS C	THE CHEMOSENSITIVITY OF EMBRYONIC AMPHIBIAN NEURONS	29,480
INSTITUTION TOTAL	4		134,707
CITY TOTAL	7		371,885
LOS ANGELES			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
ES01473-01	DETELS, ROGER	EPIDEMIOLOGIC STUDY OF CORD IN COHORTS	385,471
AI14092-01	EISERLING, FREDERICK A	VIRUS MORPHOGENESIS: CONTROL OF PHAGE ASSEMBLY	33,767
HL20807-01	FOGELMAN, ALAN M	DETECTION OF FAMILIAL HYPERCHOLESTEROLEMIA	26,466
LM02956-01	FRANK, ROBERT G, JR	PHYSIOLOGY OF NERVE AND SYNAPSE IN THE 20TH CENTURY	16,442
HL20675-01	GOLDE, DAVID W	STUDIES OF ALVEOLAR MACROPHAGE FUNCTION IN MAN	36,144
AM19984-01	SOLL, ANDREW H	PHYSIOLOGY OF THE ISOLATED MAMMALIAN PARIETAL CELL	24,800
INSTITUTION TOTAL	6		523,090
UNIVERSITY OF SOUTHERN CALIFORNIA			
CA19974-01A1	RHO, JOON H	3-D FLUOROMETRIC ANALYSIS OF HYDROCARBON METABOLITES	29,840
CA21271-01	TOKES, ZOLTAN A	LIPOSOMES AS ARTIFICIAL VESICLES FOR DRUG DELIVERY	33,933
INSTITUTION TOTAL	2		63,773

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	8	586,863	
CALIFORNIA			
MENLO PARK			
STANFORD RESEARCH INSTITUTE			
CA19354-01A1	EVANS, MICHAEL J	INJURY AND TUMOR FORMATION IN THE RAT LUNG	39,043
INSTITUTION TOTAL	1	39,043	
CITY TOTAL	1	39,043	
PASADENA			
CALIFORNIA INSTITUTE OF TECHNOLOGY			
GM23991-01	EVANS, DAVID A	SYNTHESIS OF CATION MEMBRANE CARRIER LIGANDS	36,376
INSTITUTION TOTAL	1	36,376	
CITY TOTAL	1	36,376	
SAN FRANCISCO			
INSTITUTES OF MEDICAL SCIENCES			
HL20788-C1	PERSIDSKY, MAXIM D	PRESERVATION OF HUMAN PLATELETS FOR TRANSFUSION 76-1	34,760
INSTITUTION TOTAL	1	34,760	
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
HD10907-01	GOLDSMITH, PAUL C	IMPROVED METHOD OF EM IMMUNOCYTOCHEMISTRY	47,800
DE04752-01	HUSSAIN, M ZAMIRUL	MECHANICAL MECHANISMS OF PERIODONTAL DISEASE	21,740
EY01922-01	OSTLER, H BRUCE	DIAGNOSIS OF BACTERIAL ENDOPHTHALMITIS	56,144
INSTITUTION TOTAL	3	125,684	
CITY TOTAL	4	160,444	
SANTA BARBARA			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SANTA BARBARA			
HD10473-01	CARLISLE, HARRY J	EFFECT OF OVARIAN STEROIDS ON THERMOREGULATION	43,809
INSTITUTION TOTAL	1	43,809	
CITY TOTAL	1	43,809	
STANFORD			
STANFORD UNIVERSITY			
HD10714-01	EPSTEIN, HENRY F	DEVELOPMENTAL GENETICS OF MUSCLE STRUCTURE	34,241

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NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
STANFORD			
UNIVERSITY			
HL20943-01	HARELL, GEORGE S	COMPARISON OF MICROSPHERE AND RBC BEHAVIOR IN VIVO	91,844
CA21223-01	LEVY, RONALD	ANTITUMOR ANTIBODIES GENERATED IN VITRO	59,810
AM19905-01	OLEFSKY, JERROLD M	INSULIN RECEPTORS AND THE GLUCOSE TRANSPORT SYSTEM	27,113
INSTITUTION TOTAL	4	213,008	
CITY TOTAL	4	213,008	
TORRANCE			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR GENERAL HOSPITAL			
HD10611-01	SIEGEL, SHARON	DEVELOPMENT OF THE RENIN-MINERALOCORTICOID SYSTEM	77,101
INSTITUTION TOTAL	1	77,101	
CITY TOTAL	1	77,101	
STATE TOTAL	36	1,895,069	
COLORADO			
BOULDER			
UNIVERSITY OF COLORADO AT BOULDER			
HD10333-01A1	DE FRIES, J C	DETERMINANTS OF BEHAVIORAL DEVELOPMENT IN CHILDREN	89,687
INSTITUTION TOTAL	1	89,687	
CITY TOTAL	1	89,687	
DENVER			
NATIONAL JEWISH HOSPITAL AND RESEARCH CENTER			
GM23808-01	SEALE, RONALD L	NUCLEOSOME-DNA INTERACTIONS IN CHROMATIN REPLICATION	39,179
INSTITUTION TOTAL	1	39,179	
UNIVERSITY OF COLORADO MEDICAL CENTER			
CA21098-01	GREER, ROBERT O	CLINICAL CANCER EDUCATION PROGRAM	39,230
AM19928-01	SCHRIER, ROBERT W	SYSTEMIC HEMODYNAMICS AND RENAL WATER EXCRETION	255,194
INSTITUTION TOTAL	2	294,424	
CITY TOTAL	3	333,603	
FORT COLLINS			
COLORADO STATE UNIVERSITY			
HL20719-01	WILL, DONALD H	COLD INDUCED PULMONARY HYPERTENSION	30,818

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DOLLARS
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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1		30,818
CITY TOTAL	1		30,818
STATE TOTAL	5		454,108
CONNECTICUT			
FARMINGTON			
UNIVERSITY OF CONNECTICUT HEALTH CENTER			
NS12563-01A2	HENDERSON, EDWARD G	IONIC MECHANISMS UNDERLYING RECEPTOR DESENSITIZATION	35,803
HL20794-01	ROTH, GERALD J	PROSTAGLANDIN SYNTHESIS IN HUMAN PLATELETS	40,233
DE04885-01	TRUMMEL, CLARENCE L	RELATION OF INFLAMMATION TO BONE RESORPTION	42,500
DE04409-01A1	VENHAM, LARRY L	YOUNG CHILD'S RESPONSE TO DENTAL STRESS	55,007
INSTITUTION TOTAL	4		173,543
CITY TOTAL	4		173,543
NEW HAVEN			
YALE UNIVERSITY			
HD10718-01	BEHRMAN, HAROLD R	CONTROL OF CORPUS LUTEUM REGRESSION	55,877
LM02927-01	FORBES, THOMAS R	CITY OF LONDON PARISH RECORDS	16,550
HL19791-01	HODSON, CECIL J	ULTRASONIC MONITORING OF VISCERAL BLOOD VESSELS	71,756
AI13766-01	JANEWAY, CHARLES A, JR	THE SPECIFICITY OF T LYMPHOCYTE RECEPTORS	43,300
HD10854-01	OGDEN, JOHN A	NORMAL AND ABNORMAL POSTNATAL SKELETAL DEVELOPMENT	82,175
INSTITUTION TOTAL	5		269,658
CITY TOTAL	5		269,658
STORRS			
UNIVERSITY OF CONNECTICUT			
DE04708-01	BAILEY, WILLIAM F	WEAR OF DENTAL RESTORATIVE MATERIALS	13,117
INSTITUTION TOTAL	1		13,117
CITY TOTAL	1		13,117
STATE TOTAL	10		456,318
DELAWARE			
NEWARK			
UNIVERSITY OF DELAWARE			
ES01531-01	TRIPP, HARENES R	EFFECTS OF HYDROCARBONS ON DEFENSE MECHANISMS	40,500
INSTITUTION TOTAL	1		40,500

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	40,500	
STATE TOTAL	1	40,500	
DIST OF COL			
WASHINGTON			
GEORGE WASHINGTON UNIVERSITY			
AM20014-01	VAHOVNY, GEORGE V	SYNTHESIS AND ROLE OF PROSTAGLANDINS IN ADRENAL CELLS	34,595
INSTITUTION TOTAL	1	34,595	
GEORGETOWN UNIVERSITY			
HD10823-01	HAMOSH, MARGIT	PERINATAL FAT DIGESTION, ROLE OF OROPHARYNGEAL LIPASE	53,070
INSTITUTION TOTAL	1	53,070	
CITY TOTAL	2	87,665	
STATE TOTAL	2	87,665	
FLORIDA			
MIAMI			
PAPANICOLAOU CANCER RESEARCH INSTITUTE			
CA21153-01	KOHEN, ELLI	INTRACELLULAR ENZYME KINETICS AND CARCINOGENS	56,040
INSTITUTION TOTAL	1	56,040	
UNIVERSITY OF MIAMI			
EY01981-01	GOLDBERG, STEPHEN J	INDUCTION OF MAMMALIAN RETINAL REGENERATION	16,253
AM20086-01	HAYNES, DUNCAN H	MEMBRANE PHOTODAMAGE INDUCED BY ANTIDIABETIC DRUGS	23,928
INSTITUTION TOTAL	2	40,181	
CITY TOTAL	3	96,221	
TAMPA			
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF SOUTH FLORIDA			
EY01928-01	TORCZYSKI, ELISE	TOPOGRAPHICAL DISTRIBUTION OF THE CILIARY VESSELS	7,041
INSTITUTION TOTAL	1	7,041	
CITY TOTAL	1	7,041	
STATE TOTAL	4	103,262	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
GEORGIA			
ATHENS			
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA			
HD10791-01	MC RORIE, ROBERT A	ACROLYSIN-ACROSIN IN FERTILITY EVALUATION AND CONTROL	47,282
HL20868-01	MENDICINO, JOSEPH F	REGULATION OF GLYCOPROTEIN BIOSYNTHESIS IN LUNG	21,885
HD10871-01	SRIVASTAVA, PRAKASH N	ACROSOMAL ENZYMES AND THEIR INHIBITORS IN FERTILIZATION	58,178
INSTITUTION TOTAL	3	127,345	
CITY TOTAL	3	127,345	
ATLANTA			
EMORY UNIVERSITY			
AM19890-01	NOE, BRYAN D	LOCALIZATION OF CONVERSION OF PROGLUCAGON TO GLUCAGON	26,250
INSTITUTION TOTAL	1	26,250	
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA INSTITUTE OF TECHNOLOGY			
HL20835-01	GIDDENS, DON P	SIGNAL ANALYSIS OF TURBULENCE STUDY IN BLOOD	30,856
INSTITUTION TOTAL	1	30,856	
CITY TOTAL	2	57,106	
AUGUSTA			
UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA			
CA21481-01	STONING, TERRACE A	METABOLISM OF 3-METHYLCHOLANTHRENE IN LIVER AND LUNG	30,373
INSTITUTION TOTAL	1	30,373	
CITY TOTAL	1	30,373	
STATE TOTAL	6	214,824	
HAWAII			
HONOLULU			
UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA			
RR01057-01	HADFIELD, MICHAEL G	DEVELOPING OPISTHOBRANCH MODELS FOR MEDICAL RESEARCH	49,179
INSTITUTION TOTAL	1	49,179	
CITY TOTAL	1	49,179	
STATE TOTAL	1	49,179	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
CHICAGO			
MICHAEL REESE HOSPITAL AND MEDICAL CENTER			
HD09700-01A1	GOTOFF, SAMUEL P	NEONATAL GROUP B STREPTOCOCCAL INFECTIONS	40,520
CA21518-01	SCHNEIDER, ARTHUR B	RADIATION-INDUCED THYROID CANCER	46,906
INSTITUTION TOTAL			
	2		87,426
NORTHWESTERN UNIVERSITY			
NS13043-01A1	BOYNE, ALAN F	THE MECHANISM OF CHOLINERGIC NEUROSECRETION	56,956
DE04704-01	MARSHALL, SALLY J	X-RAY AND SEM ANALYSIS OF CU RICH DENTAL AMALGAM	14,104
INSTITUTION TOTAL			
	2		71,060
RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER			
HL21632-01	BRUESCHKE, ERICH E	DEVELOPMENT OF A TRANSCUTANEOUS POWER TRANSFER SYSTEM	115,425
CA21566-01	KUETTNER, KLAUS E	ANTI-TUMOR INVASION FACTORS DERIVED FROM CARTILAGE	61,250
INSTITUTION TOTAL			
	2		176,675
UNIVERSITY OF CHICAGO			
AM19942-01	KAPLAN, EDWIN L	GASTROINTESTINAL INFLUENCES ON CALCIUM HOMEOSTASIS	34,000
INSTITUTION TOTAL			
	1		34,000
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER			
HD09792-01A2	BURNS, ELIZABETH M	NEUROPATHOLOGICAL CORRELATES OF MENTAL RETARDATION	30,965
HD10855-01	HANLY, W CAREY	REGULATION AND FUNCTION OF THE SECRETORY IGA SYSTEM	43,361
INSTITUTION TOTAL			
	2		74,326
CITY TOTAL			
	9		443,487
EVANSTON			
NORTHWESTERN UNIVERSITY			
GM23855-01	SRIDHARA, S	GENE ACTIVITY DURING INSECT METAMORPHOSIS	45,960
INSTITUTION TOTAL			
	1		45,960
CITY TOTAL			
	1		45,960
URBANA			
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN			
CA20436-01	COATES, ROBERT M	THE 6-AZA-CLAISEN REARRANGEMENT IN CARCINOGENESIS	36,557
AM19294-01A1	MILNER, JOHN A	ARGININE DEFICIENCY AND OROTIC ACIDURIA	31,639

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
URBANA			
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA--CHAMPAIGN			
AG00010-01	NANNEY, DAVID L	AGING AND TEMPORAL PATTERNING IN TETRAHYMENA	31,190
INSTITUTION TOTAL	3	99,386	
CITY TOTAL	3	99,386	
STATE TOTAL	13	588,833	
INDIANA			
BLOOMINGTON			
INDIANA UNIVERSITY SYSTEM--INDIANA UNIVERSITY AT BLOOMINGTON			
HL20882-01	HARMONY, JUDITH A	INTERACTION OF PLASMA LIPOPROTEINS WITH ERYTHROCYTES	33,763
GH24438-01	WILSON, STEPHEN R	THE TOTAL SYNTHESIS OF SELECTED PYRROLIZIDINE ALKALOIDS	27,346
INSTITUTION TOTAL	2	61,109	
CITY TOTAL	2	61,109	
INDIANAPOLIS			
INDIANA UNIVERSITY SYSTEM--INDIANA UNIVERSITY AT INDIANAPOLIS			
HL20605-01	BOHLEN, HAROLD G	MICROVASCULAR RESPONSES DURING INTESTINAL ABSORPTION	24,755
HD10898-01	MEISS, RICHARD A	SMOOTH MUSCLE STIFFNESS AND CONTRACTILE MECHANISMS	19,128
INSTITUTION TOTAL	2	43,883	
INDIANAPOLIS CENTER FOR ADVANCED RESEARCH			
DE04783-01	KAPLAN, JEROME I	THE DEVELOPMENT OF A DENTAL X-RAY AIMING DEVICE	12,338
INSTITUTION TOTAL	1	12,338	
CITY TOTAL	3	56,221	
WEST LAFAYETTE			
PURDUE UNIVERSITY			
HL20629-01	BOURLAND, JOE D	CATHETER VENTRICULAR DEFIBRILLATION STUDIES	35,661
HL20751-01	BEGNIER, FRED E	HIGH SPEED LIQUID CHROMATOGRAPHY OF HEMOGLOBINS	30,170
INSTITUTION TOTAL	2	65,831	
CITY TOTAL	2	65,831	
STATE TOTAL	7	183,161	

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DOLLARS
AWARDEDNIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
HL20829-01	FALSETTI, HERMAN L	FLUID MECHANICS OF HEART VALVE PROSTHESES	37,060
AM19858-01	KATER, STANLEY B	INTEGRATION OF INTERCELLULAR COMMUNICATION	49,378
AI13990-01	MARKOVETZ, ALLEN J	INTESTINAL ANAEROBIC MICROFLORA OF AN INVERTEBRATE	57,656
INSTITUTION TOTAL	3	144,094	
CITY TOTAL	3	144,094	
STATE TOTAL	3	144,094	
KANSAS			
LAWRENCE			
UNIVERSITY OF KANSAS			
ES01315-01	WENZEL, DUANE G	03 LUNG MACROPHAGE-FIBROBLAST INTERACTIONS	41,302
INSTITUTION TOTAL	1	41,302	
CITY TOTAL	1	41,302	
STATE TOTAL	1	41,302	
LOUISIANA			
NEW ORLEANS			
LOUISIANA STATE UNIVERSITY SYSTEM--LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS			
DE04749-01	RAWLS, HENRY R	F-RELEASING AND ACID BARRIER-POLYMER CARRIES THERAPIES	19,343
EY01925-01	UPDYKE, BRUCE V	VISUAL AND ASSOCIATION CONNECTIONS OF PULVINAR	52,650
INSTITUTION TOTAL	2	71,993	
TULANE UNIVERSITY			
DE04737-01	WEINSTEIN, ALLAN M	9TH ANNUAL BIOMATERIALS SYMPOSIUM	6,743
INSTITUTION TOTAL	1	6,743	
CITY TOTAL	3	78,736	
STATE TOTAL	3	78,736	
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
NS13584-01	COYLE, JOSEPH T	HUNTINGTON'S CHOREA MODEL: STRIATAL LESION BY KAINATE	24,100

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
GM23145-01A1	GANN, DONALD S	HORMONAL AND CARDIOVASCULAR RESPONSE TO TRAUMA	90,000
AI13048-01A1	GRAVES, IRVING L	INFLUENZA IN WILD SWANS AND GEESSE	55,080
AI14442-01	HANKS, JOHN H	ENERGETICS AND CULTIVATION OF M. LEPRAE	68,190
CA21309-01	KETNER, GARY W	TRANSFORMATION AND GENE REGULATION BY ADENOVIRUSES	55,553
ES01543-01	WAGNER, HENRY N, JR	DISTRIBUTION AND RETENTION OF INHALED POLLUTANTS	48,950
HL20674-01	WAGNER, HENRY N, JR	EVALUATION OF CARDIAC FUNCTION WITH RADIOACTIVE TRACERS	51,674
INSTITUTION TOTAL 7			393,547
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND AT BALTIMORE			
ES01474-01	BURNETT, JOSEPH W	A TOXICOLOGICAL & CHEMICAL STUDY OF SEA NETTLE VENOM	53,420
CA20807-01	KAUFFMAN, FREDERICK C	PHARMACOLOGY OF CARCINOGEN ACTIVATION IN INTACT CELLS	29,806
INSTITUTION TOTAL 2			83,226
CITY TOTAL 9			476,773
CHEVY CHASE			
AMERICAN COLLEGE OF RADIOLOGY			
CA21595-01	LESTER, RICHARD G	WORKSHOPS ON BREAST CANCER	78,300
INSTITUTION TOTAL 1			78,300
CITY TOTAL 1			78,300
COLLEGE PARK			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND COLLEGE PARK CAMPUS			
GM23731-01	PIERCE, SIDNEY K	CELLULAR WATER BALANCE: THE INVERTEBRATE MECHANISM	40,000
INSTITUTION TOTAL 1			40,000
CITY TOTAL 1			40,000
STATE TOTAL 11			595,073
MASSACHUSETTS			
BOSTON			
CHILDREN'S HOSPITAL MEDICAL CENTER			
AM20010-01	BRESLOW, JAN L	CYSTIC FIBROSIS: A CELL CULTURE APPROACH	55,685
AM19665-01	DE LUCA, CARLO J	FORCE-EMG SIGNAL RELATION FOR ISOMETRIC CONTRACTIONS	49,915
INSTITUTION TOTAL 2			105,600

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DOLLARS
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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
HARVARD UNIVERSITY			
HD10865-01	DRESSLER, DONALD P	BACTERIAL SUSCEPTIBILITY IN SPLENECTOMIZED RATS	27,861
GM23794-01	GARFIELD, JOSEPH M	BEHAVIORAL MODEL FOR ASSESSMENT OF ANESTHETIC ACTION	17,734
AI14039-01	KOHN, HENRY I	ANALYSIS AND PRODUCTION OF HISTOCOMPATIBILITY MUTANTS	45,000
EY01960-01	LEVAY, SIMON	DEVELOPMENT AND PLASTICITY OF THE VISUAL SYSTEM	43,985
EY01966-01	WIESEL, TORSTEN N	EXPERIMENTAL MYOPIA IN PRIMATES	38,678
INSTITUTION TOTAL 5			173,258
MASSACHUSETTS EYE AND EAR INFIRMARY			
EY01894-01	EPSTEIN, DAVID L	METABOLISM OF THE TRABECULAR MESHWORK	56,736
EY01964-01	JEDAINIAK, JUDITH A	ISOLATION CHARACTERIZATION OF PROTEINS FROM HUMAN LENS	63,265
INSTITUTION TOTAL 2			120,001
MASSACHUSETTS GENERAL HOSPITAL			
HL20274-01	CHESLER, DAVID A	GATED IMAGING WITH THE MGH X-RAY CAMERA	33,000
NS13674-01	MURPHY, RICHARD A	NERVE GROWTH FACTOR IN THE CENTRAL NERVOUS SYSTEM	52,124
ES01461-01	SUMMERS, ANNE O	EFFECT OF HG RESISTANT MOUSE GUT FLORA ON HG TOXICITY	32,615
INSTITUTION TOTAL 3			117,739
SIDNEY FARBER CANCER INSTITUTE			
CA19864-01A1	PARDEE, ARTHUR B	IN VIVO PROTECTION AGAINST ANTINEOPLASTIC AGENTS	31,700
CA21100-01	REINISCH, CAROL L	IMMUNOSUPPRESSION BY ADJUVANT-STIMULATED T CELLS	64,862
INSTITUTION TOTAL 2			96,562
TUFTS UNIVERSITY			
CA21348-01	WORTIS, HENRY H	LYMPHOCYTE BINDING TO MACROPHAGES	60,240
INSTITUTION TOTAL 1			60,240
VETERANS ADMINISTRATION HOSPITAL (JAMAICA PLAINS)			
HD10807-01	CERMAK, LAIRD S	HUMAN MEMORY CONFERENCE: INFORMATION PROCESSING LEVELS	14,500
INSTITUTION TOTAL 1			14,500
CITY TOTAL 16			687,900
CAMBRIDGE			
HARVARD UNIVERSITY			
CA21136-01	WENDER, PAUL A	SYNTHETIC STUDIES ON CYTOTOXIC SESQUITERPENES	41,381
INSTITUTION TOTAL 1			41,381

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DOLLARS
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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
MASSACHUSETTS CAMBRIDGE			
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
HD10551-01	ECKAUS, RICHARD S	DEMOGRAPHIC DEVELOPMENT AND DISTRIBUTION MODELING	15,000
LM02962-01	STANBURY, JOHN B	A MONOGRAPH ON ENDEMIC GOITER AND CRETINISM	9,811
GM23946-01	YANNAS, IOANNIS V	DESIGN AND EVALUATION OF AN ARTIFICIAL SKIN	61,865
INSTITUTION TOTAL	3		86,676
CITY TOTAL	4		128,057
WALTHAM			
BRANDEIS UNIVERSITY			
AM19826-01	MILLER, CHRISTOPHER	IONOPHORES OF THE SARCOPLASMIC RETICULUM MEMBRANE	37,023
INSTITUTION TOTAL	1		37,023
CITY TOTAL	1		37,023
STATE TOTAL	21		852,980
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN			
NS13743-01	AGRANOFF, BERNARD W	BIOCHEMICAL CONCOMITANTS OF NERVE REGENERATION	48,544
AI13878-01	KLUGER, MATTHEW J	EVOLUTION AND ADAPTIVE VALUE OF FEVER	43,790
GM23936-01	PRINGLE, JOHN R	GENETIC STUDY OF CELL PROLIFERATION CONTROL IN YEAST	60,190
INSTITUTION TOTAL	3		152,524
CITY TOTAL	3		152,524
DETROIT			
HAYNE STATE UNIVERSITY			
NS13143-01A1	BENJAMINS, JOYCE A	MYELINATION: ASSEMBLY OF LIPIDS AND PROTEINS	45,662
HD10890-01	GORELL, JAY M	CNS ACETYLCHOLINE: HYPOGLYCEMIA, HYPOXIA AND RECOVERY	54,927
EY01978-01	PUTNEY, JAMES W, JR	CELLULAR PHARMACOLOGY OF LACRIMATION	39,752
AM20028-01	ROSE, NOEL R	AUTOIMMUNE THYROIDITIS IN OS CHICKENS	85,045
INSTITUTION TOTAL	4		225,386
CITY TOTAL	4		225,386
EAST LANSING			
MICHIGAN STATE UNIVERSITY			
NS13565-01	HEISEY, S RICHARD	EFFECTS OF BLOOD FLOW AND ANESTHESIA ON CSF DYNAMICS	47,904

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MICHIGAN			
EAST LANSING			
MICHIGAN STATE UNIVERSITY			
DE04077-01A4	KABARA, JON J	SPECIFIC DIETARY LIPIDS AS ANTICARCINOGENIC AGENTS	19,293
CA21104-01	TROSKO, JAMES E	MUTATION AND DEREPRESSION OF GENES IN CARCINOGENESIS	52,700

INSTITUTION TOTAL	3	119,897
CITY TOTAL	3	119,897
STATE TOTAL	10	497,807

MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA			
AM19223-01A1	BAUER, G ERIC	HORMONE SYNTHESIS AND SECRETION IN ANGLERFISH ISLETS	27,779
CA21463-01	FURCHT, LEO T	PATHOBIOLOGY OF THE CELL MEMBRANE IN CANCER	64,636
AM19899-01	HEGRE, ORION D	FETAL PANCREATIC TRANSPLANTATION	51,662
HL20682-01	JACOBS, DAVID R, JR	PHYSICAL ACTIVITY AND INCIDENCE OF CHRONIC HEART DISEASE	49,708
AM19868-01	KAUNG, HUE-LEE C	DEVELOPMENTAL STUDIES OF ENDOCRINE PANCREAS	28,299
DE04614-01	LILJEHARK, WILLIAM F	ADHERENCE OF ORAL STREPTOCOCCI TO HYDROXYAPATITE	31,678
AM19851-01	MC EVOY, ROBERT C	DIFFERENTIATION/GROWTH OF PANCREAS IN VIVO/IN VITRO	32,253
CA21431-01	MC KHANN, CHARLES F	ROLE OF CIRCULATING ANTIGEN IN TUMOR IMMUNITY	73,090
ES01365-01	MONTGOMERY, MARK R	STUDIES ON OXIDANT-INDUCED PULMONARY LESIONS	29,777
HL20793-01	SHIDEMAN, FREDERICK E	PHOSPHOLIPIDS AND CARDIAC RECEPTOR FUNCTION	26,413
AM19710-01	WILSON, IVAN D	IMMUNOLOGIC ASPECTS OF PANETH CELL FUNCTION	35,690

INSTITUTION TOTAL	11	450,985
CITY TOTAL	11	450,985

ROCHESTER			
MAYO FOUNDATION			
HL20610-01	KAYE, MICHAEL P	NERVE GROWTH FACTOR AND OBSTRUCTIVE CARDIOMYOPATHY	40,000
AM19715-01	KNOX, FRANKLYN G	INTRARENAL REGULATION OF PHOSPHATE METABOLISM	53,670

INSTITUTION TOTAL	2	93,670
CITY TOTAL	2	93,670
STATE TOTAL	13	544,655

MISSISSIPPI			
JACKSON			
UNIVERSITY OF MISSISSIPPI MEDICAL CENTER			
HL20622-01	MEHENDALE, HARIHARA M	PULMONARY UPTAKE AND ACCUMULATION OF DRUGS	43,559

INSTITUTION TOTAL	1	43,559
* INCLUDES DIRECT COST ONLY FOR NIH AWARDS		

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RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
CITY TOTAL	1	43,559	
STATE TOTAL	1	43,559	
MISSOURI			
COLUMBIA			
CANCER RESEARCH CENTER			
CA20381-01	HALBROOK, CHARLES W	CLERICAL COUNSELING OF THE CANCER PATIENT	10,448
INSTITUTION TOTAL	1	10,448	
CITY TOTAL	1	10,448	
SAINT LOUIS			
JEWISH HOSPITAL OF ST. LOUIS			
AI13987-01	KAPP-PIERCE, JUDITH A	MODE OF ACTION OF H-LINKED IMMUNE RESPONSE (IR) GENES	54,550
INSTITUTION TOTAL	1	54,550	
ST. LOUIS UNIVERSITY			
ES01361-01	FEIR, DOROTHY J	PROLONGED EXPOSURE TO FOUR LEVELS OF AIR POLLUTANTS	22,620
INSTITUTION TOTAL	1	22,620	
CITY TOTAL	2	77,170	
UNIVERSITY CITY			
WASHINGTON UNIVERSITY			
DE04755-01	EL-MORTY, SAMIR K	ALVEOLAR BONE IN EXPERIMENTAL RENAL INSUFFICIENCY	19,244
NS13672-01	HARTMAN, BOYD K	EVALUATION OF NEUROLOGICAL DISEASE WITH BRAIN ANTIGENS	41,837
AM20097-01	JARETT, LEONARD	MORPHOLOGICAL STUDIES ON MECHANISM OF INSULIN ACTION	151,172
CA20513-01	LIEBERMAN, MICHAEL W	CHEMICAL CARCINOGEN-INDUCED DNA REPAIR IN HUMAN CELLS	62,163
HL20826-01	NAKEFF, ALEXANDER	MEGAKARYOCYTE PROLIFERATION AND ITS CONTROL	35,653
AM19580-01	REUSS, LOUIS	ELECTROPHYSIOLOGY OF NECTURUS GALLBLADDER EPITHELIUM	38,068
AG00535-01	STORANDT, MARTHA A	A MULTI-FACETED INVESTIGATION OF AGING AND BEHAVIOR	200,000
GH23883-01	WATERSTON, ROBERT H	MOLECULAR GENETICS OF MUSCLE ASSEMBLY IN C. ELEGANS	62,593
INSTITUTION TOTAL	8	610,730	
CITY TOTAL	8	610,730	
STATE TOTAL	11	698,348	
MONTANA			
MISSOULA			
UNIVERSITY OF MONTANA			
GM23960-01	CARD, GEORGE L	CHARACTERIZATION OF ATPASE ASSOCIATED MEMBRANE LIPID	24,631

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1		24,631
CITY TOTAL	1		24,631
STATE TOTAL	1		24,631
NEW HAMPSHIRE			
HANOVER			
DARTMOUTH COLLEGE			
HD10740-01	MORIN, LAWRENCE P	BEHAVIOR, BIOLOGICAL CLOCKS AND HORMONES	38,164
INSTITUTION TOTAL	1		38,164
CITY TOTAL	1		38,164
STATE TOTAL	1		38,164
NEW JERSEY			
PRINCETON			
PRINCETON UNIVERSITY			
CA20918-01	COWAN, NICHOLAS J	IMMUNOGLOBULIN BIOSYNTHESIS IN MOUSE MYELOMA CELLS	56,127
LM02968-01	ZIMMERBERG, HELEN Y	CYCLIC AMP--A CLASSIFIED BIBLIOGRAPHY OF PUBLICATIONS	6,050
INSTITUTION TOTAL	2		62,177
CITY TOTAL	2		62,177
STATE TOTAL	2		62,177
NEW MEXICO			
ALBUQUERQUE			
UNIVERSITY OF NEW MEXICO			
HL20184-01	AVNER, BARRY P	DESENSITIZATION OF TRACHEAL MUSCLE TO ISOPROTERENOL	24,192
HD10691-01	GARRY, PHILIP J	EFFECTS OF INFANT IRON NUTRITION ON SERUM FERRITIN	18,105
HD10792-01	SOLOMON, SIDNEY	POSTNATAL DEVELOPMENT OF RENAL AMMONIA EXCRETION	37,278
AM19841-01	WARNER, NOEL L	GENETICS OF MURINE PLASMACYTOMAS AND AUTOIMMUNITY	53,118
INSTITUTION TOTAL	4		132,693
CITY TOTAL	4		132,693
STATE TOTAL	4		132,693
NEW YORK			
ALBANY			
NEW YORK STATE DEPARTMENT OF HEALTH			
CA21359-01	BERTRAM, JOHN S	CELL INTERACTIONS DURING MALIGNANT TRANSFORMATION	25,114

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK ALBANY NEW YORK STATE DEPARTMENT OF HEALTH GH23853-01	PAOLETTI, ENZO	VACCINIA RNA SYNTHESIS: A MODEL FOR MRNA PROCESSING	56,864
INSTITUTION TOTAL	2	81,978	
NEW YORK STATE DEPARTMENT OF MENTAL HYGIENE NS12506-01A2	TAMIR, HADASSAH	BIOGENIC AMINE TRANSFER AND STORAGE MECHANISMS	28,470
INSTITUTION TOTAL	1	28,470	
CITY TOTAL	3	110,448	
NEW YORK CITY UNIVERSITY OF NEW YORK--HUNTER COLLEGE HL20902-01	COHEN, WILLIAM D	STUDIES ON THE MARGINAL BAND SYSTEM OF ERYTHROCYTES	25,110
INSTITUTION TOTAL	1	25,110	
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE AG00099-01A1	BEATTIE, DIANA S	HEPATIC ALA SYNTHETASE AND ITS CONTROL IN AGING	47,394
AI14094-01	WETHUR, JAMES G	PHYSICAL MAPPING OF POINT MUTANTS OF PARAINFLUENZA VIRUSES	37,544
INSTITUTION TOTAL	2	84,938	
COLUMBIA UNIVERSITY HD10873-01	FERIN, MICHEL J	THE HYPOPHYSIS AND REPRODUCTION IN RHESUS MONKEYS	38,033
HL20761-01	HLIAL, SADEK K	STUDY OF CEREBRAL BLOOD FLOW WITH STABLE XENON	58,989
AM19945-01	KIMBERG, DANIEL V	REGULATION OF INTESTINAL CALCIUM TRANSPORT	110,000
INSTITUTION TOTAL	3	207,022	
CORNELL UNIVERSITY MEDICAL CENTER LM02591-01A1	QUEN, JACQUES M	DR ISAAC RAY: A BIOGRAPHY	23,554
INSTITUTION TOTAL	1	23,554	
NEW YORK ACADEMY OF SCIENCES AM20138-01	SCARPA, ANTONIO	CALCIUM TRANSPORT AND CELL FUNCTION	11,520
INSTITUTION TOTAL	1	11,520	
NEW YORK UNIVERSITY NS13726-01	SELIGMAN, MYRON L	CORTICOSTEROIDS IN FREE RADICAL DAMAGED MEMBRANES	40,420
INSTITUTION TOTAL	1	40,420	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
ROCKEFELLER UNIVERSITY			
AM19655-01	CERAMI, ANTHONY	BIOCHEMICAL BASIS OF THE COMPLICATIONS OF DIABETES	56,689
AM20027-01	GRILL, HARVEY J	NEURAL MODULATION OF INGESTIVE BEHAVIOR	37,025
INSTITUTION TOTAL	2	93,714	
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
AM19846-01	DONNER, DAVID B	ALLOSTERIC HORMONEBINDING RELATED TO BIOLOGIC EFFECT	49,827
CA21445-01	LLOYD, KENNETH O	ANTIGENS OF HUMAN MALIGNANT MELANOMA	39,785
CA21363-01	MAYLIE-PFENNINGER, MARIE F	SURFACE CHEMISTRY OF TERATOCARCINOMA AND EMBRYOS	45,000
CA21404-01	MODAK, MUKUND J	IN VIVO AND IN VITRO STUDIES OF DNA SYNTHESIS	38,606
INSTITUTION TOTAL	4	173,218	
STATE UNIVERSITY OF NEW YORK--DOWNSTATE MEDICAL CENTER			
ES01530-01	LANKS, KARL W	SPONTANEOUS REACTIVATION OF ACETYLCHOLINESTERASE	36,015
HL20666-01	STRACHER, ALFRED	CELL BIOLOGY OF PLATELET PRESERVATION	53,405
INSTITUTION TOTAL	2	89,420	
YESHIVA UNIVERSITY			
CA21622-01	HURWITZ, JERARD	CARCINOGENS ON PRO- AND EUARYOTIC DNA REPLICATION	35,056
NS13578-01	SUZUKI, KUNHIKO	CHOLESTEROL ESTER METABOLISM IN THE BRAIN	42,367
INSTITUTION TOTAL	2	77,423	
CITY TOTAL	19	826,339	
ROCHESTER			
UNIVERSITY OF ROCHESTER			
CA19757-01A1	BOSMANN, HAROLD B	GLYCOPROTEIN SHEDDING AND METASTASIS	41,494
HD10912-01	CHING, MELVIN CHUNG	BRAIN RELEASING HORMONES IN PITUITARY PORTAL BLOOD	35,123
CA21452-01	HEMPELMANN, LOUIS H	SCREENING FOR NEOPLASMS IN IRRADIATED POPULATIONS	30,956
AM19974-01	HINKLE, PATRICIA M	MODULATION OF RECEPTOR NUMBER IN CULTURED CELLS	48,144
NS13725-01	HOFFMAN, GLORIA E	IMMUNOCYTOCHEMISTRY OF LH-RH AND OTHER NEUROPEPTIDES	28,049
CA21469-01	SCHLESSINGER, RICHARD H	AN EXPEDITIOUS SYNTHESIS OF PENTALENOLACTONE	32,639
INSTITUTION TOTAL	6	216,405	
CITY TOTAL	6	216,405	
STONY BROOK			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
HL205558-01	COHEN, IRA S	CARDIAC ELECTROPHYSIOLOGY: EFFECTS OF IONS AND DRUGS	20,165

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK STONY BROOK STATE UNIVERSITY OF NEW YORK AT STONY BROOK CA22302-01	LUCAS, JOSEPH J	ANALYSIS OF GENE REGULATION BY NUCLEAR TRANSPLANTATION	36,170
INSTITUTION TOTAL	2		56,335
CITY TOTAL	2		56,335
SYRACUSE STATE UNIVERSITY OF NEW YORK--UPSTATE MEDICAL CENTER AI13479-01A1	BEACH, DAVID H	LIPIDS IN A PSEUDOPHYLLIDEAN LIFE-CYCLE	25,325
INSTITUTION TOTAL	1		25,325
CITY TOTAL	1		25,325
UPTON ASSOCIATED UNIVERSITIES--BROOKHAVEN NATIONAL LABORATORY GM24057-01	BURR, BENJAMIN	STORAGE PROTEIN SYNTHESIS IN MAIZE ENDOSPERM	49,565
INSTITUTION TOTAL	1		49,565
CITY TOTAL	1		49,565
STATE TOTAL	32		1,284,417
NORTH CAROLINA CHAPEL HILL UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL DE04707-01 AM20134-01	KUSY, ROBERT P TALHAGE, ROY V	SELF-ACTIVATING DEVICES FOR CLEFT-PALATE CHILDREN 6TH PARATHYROID CONFERENCE (CALCIUM-REGULATING HORMONES)	10,000 5,000
INSTITUTION TOTAL	2		15,000
CITY TOTAL	2		15,000
DURHAM DUKE UNIVERSITY AG00566-01 CA21244-01 HL20677-01	COOPER, RALPH L GRUFFERMAN, SEYMOUR JONES, ROBERT H	HORMONAL AND BEHAVIORAL CONSEQUENCES OF AGING THE EPIDEMIOLOGY OF CHILDHOOD RHABDOMYOSARCOMA RADIONUCLIDE STUDIES IN CONGENITAL HEART DISEASE	30,991 22,548 68,743
INSTITUTION TOTAL	3		122,282
CITY TOTAL	3		122,282

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
NORTH CAROLINA MORGANTON NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES--WESTERN CAROLINA CENTER HD10853-01	FAVELL, JAMES E	DEVELOPMENTAL ENVIRONMENT FOR THE PROFOUNDLY RETARDED	47,362

INSTITUTION TOTAL	1	47,362
CITY TOTAL	1	47,362

WINSTON-SALEM WAKE FOREST UNIVERSITY ES01561-01	ACTON, JEAN D	EFFECT OF NITROGEN DIOXIDE ON PULMONARY MONOCYTES	32,245
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INSTITUTION TOTAL	1	32,245
CITY TOTAL	1	32,245
STATE TOTAL	7	216,889

OHIO CINCINNATI UNIVERSITY OF CINCINNATI CA21508-01	ARMENROUT, RICHARD W	REGULATION OF DNA SYNTHESIS IN HUMAN TUMOR CELLS	40,001
ES01494-01	COOPER, GARY P	CADMIUM: NEUROBEHAVIORAL AND TRACE METAL STUDIES	55,417
HD10868-01	HANSON, JEANNE M	IN VITRO TERATOLOGIC ASSAY SYSTEM WITH P-450 METABOLISM	46,139
HD10721-01	MOULTON, BRUCE C	LYSOSOMAL MECHANISMS OF OVUM IMPLANTATION	23,500
GM24028-01	SAELINGER, CATHARINE B	PATHOGENESIS OF PSEUDOMONAS IN BURN INJURY	33,606

INSTITUTION TOTAL	5	198,663
CITY TOTAL	5	198,663

CLEVELAND CASE WESTERN RESERVE UNIVERSITY NS13658-01	LASEK, RAYMOND J	MOLECULAR STUDIES OF AXONAL GROWTH	35,405
ES01170-01A1	WEISNER, HERMAN M	OCHRATOXIN A--EFFECT ON CELLS, SUBCELLULAR SYSTEMS	32,716
GM23728-01	STAMBRON, PETER J	REPLICATION OF AMPHIBIAN NONAMPLIFIED RIBOSOMAL DNA	26,383

INSTITUTION TOTAL	3	94,504
CITY TOTAL	3	94,504

COLUMBUS OHIO STATE UNIVERSITY HL20685-01	HANSON, KENNETH M	PITUITARY-ADRENERGIC-OVARIAN VASOMOTOR INTERACTION	15,356
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DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO			
COLUMBUS			
OHIO STATE UNIVERSITY			
HL20153-01	HOLLANDER, PHILIP B	INTRACELLULAR PH AND MYOCARDIAL ELECTROPHARMACOLOGY	23,832
CA21371-01	WITIAK, DONALD T	CARCINOGENIC, MUTAGENIC AND CYTOTOXIC MECHANISM - (DMBA)	64,479
INSTITUTION TOTAL	3	103,667	
CITY TOTAL	3	103,667	
STATE TOTAL	11	396,834	
OKLAHOMA			
OKLAHOMA CITY			
OKLAHOMA MEDICAL RESEARCH FOUNDATION			
HL20846-01	RADCLIFFE, ROBERT D	PURIFICATION OF BOVINE PLASMINOGEN PROACTIVATOR	28,719
INSTITUTION TOTAL	1	28,719	
CITY TOTAL	1	28,719	
STATE TOTAL	1	28,719	
OREGON			
CORVALLIS			
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON STATE UNIVERSITY			
ES01377-01	TINSLEY, IAN J	TOXICOLOGY OF BROMINATED FATTY ACIDS	43,287
INSTITUTION TOTAL	1	43,287	
CITY TOTAL	1	43,287	
EUGENE			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON			
ES01536-01	NOVITSKI, EDWARD	THE NATURE OF RADIATION INDUCED GENETIC DAMAGE	41,330
INSTITUTION TOTAL	1	41,330	
CITY TOTAL	1	41,330	
PORTLAND			
MEDICAL RESEARCH FOUNDATION OF OREGON			
CA21267-01	HUTCHINSON, ALFRED C	A CONCEPT FOR OPTIMAL CANCER CARE IN OREGON	149,844
INSTITUTION TOTAL	1	149,844	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

DOLLARS
AWARDEDNIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OREGON PORTLAND OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON HEALTH SCIENCES CENTER HL20910-01	CONNOR, WILLIAM E	THE ALTERNATIVE DIET FOR CORONARY DISEASE PREVENTION	232,261
INSTITUTION TOTAL	1	232,261	
CITY TOTAL	2	382,105	
STATE TOTAL	4	466,722	
PENNSYLVANIA HERSHEY PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER HL20830-01 HL20356-01	BERMAN, WILLIAM, JR PIERCE, WILLIAM S	EFFECTS OF DIGOXIN THERAPY IN NEWBORN AND ADULT SHEEP DEVELOPMENT AND EVALUATION OF AN ARTIFICIAL HEART	52,834 169,875
INSTITUTION TOTAL	2	222,709	
CITY TOTAL	2	222,709	
PHILADELPHIA ALBERT EINSTEIN MEDICAL CENTER DE04419-01A1	SPECTER, STEVEN C	IMMUNITY IN ORAL HERPES VIRUS INFECTION	9,409
INSTITUTION TOTAL	1	9,409	
INSTITUTE FOR CANCER RESEARCH GM24019-01	COHEN, LEONARD H	DEVELOPMENTAL CHANGES IN CHROMOSOMAL PROTEINS	48,500
INSTITUTION TOTAL	1	48,500	
TEMPLE UNIVERSITY HD10225-01A1 EY01934-01 DE04777-01 HL20563-01	CHRISTENSEN, ALBERT K HILFER, S ROBERT NOWOTNY, ALOIS H WIEDEMAN, MARY P	LOCALIZATION OF RECEPTORS FOR REPRODUCTIVE HORMONES EMBRYONIC DEVELOPMENT OF THE EYE CUP ROLE OF BACTERIAL PRODUCTS IN PERIODONTAL DISEASES RESTORING MICROCIRCULATION AFTER PLATELET AGGREGATION	27,682 26,542 54,945 29,350
INSTITUTION TOTAL	4	138,519	
UNIVERSITY OF PENNSYLVANIA AM19379-01 CA20846-01 AM19525-01	COHEN, SIDNEY THURMAN, RONALD G WINEGRAD, ALBERT I	COLONIC MYOELECTRIC ACTIVITY PHARMACOLOGY OF CARCINOGEN ACTIVATION IN INTACT CELLS SUPPORT FOR DIABETES CENTER	41,543 41,460 284,332
INSTITUTION TOTAL	3	367,335	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA PHILADELPHIA WISTAR INSTITUTE OF ANATOMY AND BIOLOGY AI13989-01	GERHARD, WALTER	ANTIGENICITY OF INFLUENZA VIRUS HEMAGGLUTININ	44,240
INSTITUTION TOTAL CITY TOTAL	1 10		44,240 608,003
PITTSBURGH CARNEGIE-HELLON UNIVERSITY EY01930-01	WADDELL, WALTER H	PHOTOCHEMISTRY OF RHODOPSIN AND 11-CIS RETINAL	7,500
INSTITUTION TOTAL	1		7,500
CHILDREN'S HOSPITAL OF PITTSBURGH NS13735-01	BLUESTONE, CHARLES D	EUSTACHIAN TUBE OBSTRUCTION AND MIDDLE EAR EFFUSIONS	56,683
INSTITUTION TOTAL	1		56,683
EYE AND EAR HOSPITAL OF PITTSBURGH NS13286-01	BLACK, F OWEN	CONTROL OF HUMAN POSTURAL SWAY TRAJECTORIES	41,331
INSTITUTION TOTAL	1		41,331
MONTFIORE HOSPITAL AM19689-01	FROMM, HANS	BILE ACID METABOLISM IN GALLSTONE DISEASE	38,221
INSTITUTION TOTAL	1		38,221
UNIVERSITY OF PITTSBURGH HL20547-01 HD10725-01 ES01532-01 HL20579-01 NS13166-01A1	GLEW, ROBERT H GRIECO, PAUL A KAROL, MERYL H KOZIKOWSKI, ALAN P NORTH, A FREDERICK	GLYCOPROTEINS IN PULMONARY ALVEOLAR PROTEINOSIS FLUOROPROSTAGLANDINS RESPIRATORY ANAPHYLAXIS TO INDUSTRIAL CHEMICALS SYNTHESIS OF THERAPEUTICALLY IMPORTANT ALKALOIDS PLANNING A MULTICENTER STUDY OF ADENOTONSILLECTOMY	30,250 30,440 26,865 21,650 60,535
INSTITUTION TOTAL CITY TOTAL	5 9		169,740 313,475
UNIVERSITY PARK PENNSYLVANIA STATE UNIVERSITY HL20872-01 NS13700-01	MILLER, NORMAN B RHEUBEN, MARY B	MULTIDIMENSIONAL ECHO IMAGING OF THE ISCHEMIC HEART SYNAPSE FUNCTION DURING GROWTH AND DEGENERATION	58,914 44,782
INSTITUTION TOTAL	2		103,696

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
CITY TOTAL	2		103,696
STATE TOTAL	23		1,247,883
RHODE ISLAND			
KINGSTON			
GORDON RESEARCH CONFERENCES			
ES01568-01	BAER, JOHN E	GORDON RESEARCH CONFERENCE ON DRUG METABOLISM, 1977	4,700
HL20840-01	FOZZARD, HARRY A	GORDON CONFERENCE ON CONTROL OF MUSCLE CONTRACTION	6,920
HL20879-01	ROSS, RUSSELL	GORDON RESEARCH CONFERENCE ON ATHEROSCLEROSIS	5,000
INSTITUTION TOTAL	3		16,620
CITY TOTAL	3		16,620
PAWTUCKET			
MEMORIAL HOSPITAL			
HL20679-01	MASON, REGINALD G, JR	ULTRASTRUCTURAL STUDY OF ENDOTHELIUM IN THROMBOSIS	37,350
INSTITUTION TOTAL	1		37,350
CITY TOTAL	1		37,350
STATE TOTAL	4		53,970
SOUTH CAROLINA			
CHARLESTON			
MEDICAL UNIVERSITY OF SOUTH CAROLINA			
RR01070-01	GAFFNEY, THOMAS E	GENERAL CLINICAL RESEARCH CENTER	289,474
HL20913-01	OGAWA, MAKIO	CELL CULTURE STUDIES OF HEMOGLOBINOPATHIES	42,876
INSTITUTION TOTAL	2		332,350
CITY TOTAL	2		332,350
CLEMSON			
CLEMSON UNIVERSITY			
DE04712-01	PARK, JOON B	DENTAL IMPLANT FIXATION BY ELECTRICALLY MEDIATED PROCESS	14,984
INSTITUTION TOTAL	1		14,984
CITY TOTAL	1		14,984
STATE TOTAL	3		347,334

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TENNESSEE KNOXVILLE UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE EY01979-01	CHURCHICH, JORGE E	FLUORESCENCE STUDIES OF PROTEIN PROTEIN INTERACTIONS	30,000
INSTITUTION TOTAL	1	30,000	
CITY TOTAL	1	30,000	
NASHVILLE VANDERBILT UNIVERSITY AM19925-01 ES01552-01	KONO, TETSURO NEAL, ROBERT A	ACTION OF INSULIN ON SUGAR TRANSPORT MECHANISM(S) OF TOXICITY OF THE CHLORINATED P-DIOXINS	30,834 27,396
INSTITUTION TOTAL	2	58,230	
CITY TOTAL	2	58,230	
STATE TOTAL	3	88,230	
TEXAS DALLAS UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS HL20678-01 CA21602-01 HL20643-01	ATKINS, JAMES M ROSENBERG, ROGER N SHAY, JERRY W	CARDIOVASCULAR ADAPTATION TO STRESS IN DISEASE STATES BIOCHEMICAL EVENTS IN DIFFERENTIATING NEUROBLASTOMA ANALYSIS OF HEART CELL CONTRACTION	37,680 63,130 47,882
INSTITUTION TOTAL	3	148,692	
CITY TOTAL	3	148,692	
GALVESTON UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON NS13171-01A1 GM23875-01	DUNCAN, DONALD NELSON, THOMAS E	FINE STRUCTURE OF THE SUBSTANTIA GELATINOSA SKELETAL MUSCLE LESION IN MALIGNANT HYPERTHERMIA	31,512 28,441
INSTITUTION TOTAL	2	59,953	
CITY TOTAL	2	59,953	
HOUSTON BAYLOR COLLEGE OF MEDICINE CA21624-01 NS13708-01	HAZLEWOOD, CARLTON F PEREZ, FRANCISCO I	ROLE OF WATER IN CANCER CELL DIVISION BEHAVIORAL ANALYSIS OF SENSORY EXTINCTION	50,697 28,045
INSTITUTION TOTAL	2	78,742	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

TEXAS

HOUSTON

UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

DE04691-01 MAILMAN, MARY L GINGIVAL COLLAGEN METABOLISM IN HEALTH AND DISEASE
AM19876-01 RAMASWAMY, KRISHNAMURTHY EFFECT OF DIABETES MELLITUS ON INTESTINAL FUNCTION
AM19886-01 WEISBRODT, NORMAN W ADAPTIVE CHANGES IN INTESTINAL SMOOTH MUSCLE

10,000
32,297
15,939

INSTITUTION TOTAL 3 58,236
CITY TOTAL 5 136,978

LUBBOCK

TEXAS TECH UNIVERSITY

CA21421-01 BARTSCH, RICHARD A IONOPHORIC STABILIZATION OF CARCINOGEN INTERMEDIATES
EY02156-01 POTTER, DAVID E OCULAR EFFECTS OF SELECTIVE BETA-ADRENERGIC DRUGS

15,454
27,618

INSTITUTION TOTAL 2 43,072
CITY TOTAL 2 43,072

SAN ANTONIO

SOUTHWEST FOUNDATION FOR RESEARCH AND EDUCATION

AG00090-01 SHAIN, SYDNEY A PROSTATIC SENESCENCE: A STEROID HORMONE MODEL

47,622

INSTITUTION TOTAL 1 47,622

UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO

HL20939-01 LEE, JOHN C REGULATION OF FETAL HEMOGLOBIN SYNTHESIS IN HUMANS
HL20766-01 PROPPE, DUANE W CONTROL OF THE CIRCULATION IN HEAT-STRESS

23,220
34,981

INSTITUTION TOTAL 2 58,201
CITY TOTAL 3 105,823

STATE TOTAL 15 494,518

UTAH

SALT LAKE CITY

UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH

HD10723-01 DICKINSON, WILLIAM J THE CONTROL OF ENZYME EXPRESSION IN DEVELOPMENT
HL20846-01 SANDBERG, LAWRENCE B CHEMICAL ANALYSIS OF HUMAN ARTERIAL ELASTIN

41,347
28,700

INSTITUTION TOTAL 2 70,047
CITY TOTAL 2 70,047

STATE TOTAL 2 70,047

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
VERMONT BURLINGTON UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE NS13581-01	DIONNE, VINCENT E	CHEMICAL RECEPTOR MECHANISMS	41,428
INSTITUTION TOTAL	1		41,428
CITY TOTAL	1		41,428
STATE TOTAL	1		41,428
VIRGINIA CHARLOTTESVILLE UNIVERSITY OF VIRGINIA HL20712-01 GM24168-01	KUEHL, KAREN S KUTCHAI, HOWARD C	CHARACTERIZATION OF THE B PROTEINS OF SERUM LIPOPROTEINS RED CELLS AND CHICK HEART: TRANSPORT AND FLUIDITY	47,854 17,618
INSTITUTION TOTAL	2		65,472
CITY TOTAL	2		65,472
RICHMOND VIRGINIA COMMONWEALTH UNIVERSITY CA21305-01 HL19463-01A1	ELFORD, HOWARD L OKEN, DONALD E	RIBONUCLEOTIDE REDUCTASE AND CANCER CHEMOTHERAPY PATHOPHYSIOLOGY OF ACUTE RENAL FAILURE	43,018 57,657
INSTITUTION TOTAL	2		100,675
CITY TOTAL	2		100,675
STATE TOTAL	4		166,147
WASHINGTON PULLMAN WASHINGTON STATE UNIVERSITY ES00945-01A5	WAY, JAMES L	CYANIDE LIBERATION BY ALKYLPHOSPHATE ANTAGONISTS	32,369
INSTITUTION TOTAL	1		32,369
CITY TOTAL	1		32,369
SEATTLE UNIVERSITY OF WASHINGTON HL20690-01 HL20612-01	BUTLER, JOHN CHENEY, FREDERICK W	PULMONARY HEMODYNAMICS IN LUNG EDEMA DURING PEEP CHRONIC ANIMAL MODEL OF PULMONARY VASCULAR INJURY	64,327 39,457

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WASHINGTON SEATTLE			
UNIVERSITY OF WASHINGTON			
HL20613-01	HUNTSMAN, LEE L	MECHANICAL PROPERTIES OF ISOLATED MYOCARDIUM	31,290
HL20899-01	STAMATOYANNOPOULOS, GEORGE	CELLULAR MECHANISMS OF HEMOGLOBIN F REGULATION	74,142
HL20754-01	SU, JUDY Y	MECHANISM OF ANESTHETIC-INDUCED MYOCARDIAL DEPRESSION	39,980
INSTITUTION TOTAL	5	249,196	
VIRGINIA MASON RESEARCH CENTER			
HL21095-01	GLEISNER, JOHN M	ENZYMES OF M. TUBERCULOSIS & OBSTRUCTIVE LUNG DISEASE	39,454
HD10761-01	TAYLOR, EUGENE M	HYPOXEMIA IN INFANT PRIMATES	94,395
INSTITUTION TOTAL	2	133,849	
CITY TOTAL	7	383,045	
STATE TOTAL	8	415,414	
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
CA21115-01	CARBONE, PAUL P	EASTERN COOPERATIVE ONCOLOGY GROUP OPERATIONS OFFICE	565,242
HL20815-01	DEMPSEY, JEROME A	VALIDATION OF INDIRECT TESTS OF SMALL AIRWAYS FUNCTION	30,030
AI13948-01	ENSIGN, JERALD C	EXPLANATION OF WHY STREPTOMYCIN PRODUCE ANTIBIOTICS	32,420
CA21195-01	HINZE, HARRY C	VACCINATION AGAINST AN ONCOGENIC HERPES VIRUS	44,905
NS13600-01	SMITH, DEAN O	MECHANISMS OF AXON CONDUCTION BLOCK	64,829
CA20916-01	TROST, BARRY M	NOVEL SYNTHETIC APPROACHES TO ANTITUMOR AGENTS	39,465
ES01480-01	ZIMMERMAN, STEPHEN W	NEPHROTOXIC EFFECTS OF ENVIRONMENTAL HYDROCARBONS	36,000
INSTITUTION TOTAL	7	812,891	
CITY TOTAL	7	812,891	
MILWAUKEE			
MEDICAL COLLEGE OF WISCONSIN			
EY01931-01	VAN HORN, DIANE L	OPHTHALMIC RESEARCH CENTER	179,446
INSTITUTION TOTAL	1	179,446	
CITY TOTAL	1	179,446	
STATE TOTAL	8	992,337	
PUERTO RICO			
SAN JUAN			
UNIVERSITY OF PUERTO RICO SYSTEM--UNIVERSITY OF PUERTO RICO MEDICAL SCIENCES CAMPUS			
AM20050-01	JERING, HELMUT	PLASMA INHIBITORS OF INSULIN PROTEASE	22,950

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

INSTITUTION TOTAL	1	22,950	
CITY TOTAL	1	22,950	
STATE TOTAL	1	22,950	
CANADA			
MONTREAL			
JEWISH GENERAL HOSPITAL			
CA20456-01	MARGOLESE, RICHARD G	PRIMARY BREAST CANCER THERAPY GROUP (NSABP)	23,456
INSTITUTION TOTAL	1	23,456	
ROYAL VICTORIA HOSPITAL			
CA20321-01	SHIBATA, HENRY R	PRIMARY BREAST CANCER THERAPY GROUP	24,955
INSTITUTION TOTAL	1	24,955	
CITY TOTAL	2	48,411	
VANCOUVER			
UNIVERSITY OF BRITISH COLUMBIA			
GM24040-01	DENNIS, PATRICK P	REGULATION OF TRANSCRIPTION AND TRANSLATION ELEMENTS	39,000
INSTITUTION TOTAL	1	39,000	
CITY TOTAL	1	39,000	
STATE TOTAL	3	87,411	
UNITED KINGDOM			
LONDON			
UNIVERSITY OF LONDON			
AM19488-01	BELOFF-CHAIN, ANNE	REGULATION OF INSULIN SECRETION BY THE PITUITARY	26,920
INSTITUTION TOTAL	1	26,920	
CITY TOTAL	1	26,920	
STATE TOTAL	1	26,920	
TOTAL	302	14,450,843	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA LOS ANGELES UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES CP71009-00	FAREED, GEORGE C	HUMAN PAPOVAVIRUS BK AND JC AND SIMIAN VIRUS 40	57,328
INSTITUTION TOTAL	1	57,328	
CITY TOTAL	1	57,328	
TORRANCE LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR GENERAL HOSPITAL HD72802-00	BERNSTEIN, GERALD S	HEALTH STATUS OF AMERICAN MEN	182,165
INSTITUTION TOTAL	1	182,165	
CITY TOTAL	1	182,165	
STATE TOTAL	2	239,493	
DIST OF COL WASHINGTON NATIONAL ACADEMY OF SCIENCES OD72105-00	NIGHTINGALE, ELEANA O	COMPARATIVE VALUE OF LIVE KILLED POLIOMYELITIS VACCINE	75,390
INSTITUTION TOTAL	1	75,390	
NOVELLI & ASSOCIATES, INC CO75360-00	NOVELLI, WILLIAM	OFFICE OF CANCER COMMUNICATIONS PROGRAM SUPPORT SERVICES	411,692
INSTITUTION TOTAL	1	411,692	
RESOURCES FOR THE FUTURE HD72815-00	RIDKER, RONALD G	ENVIRONMENTAL CONSEQUENCES OF POPULATION GROWTH	221,448
INSTITUTION TOTAL	1	221,448	
CITY TOTAL	3	708,530	
STATE TOTAL	3	708,530	
FLORIDA MIAMI PAPANICOLAOU CANCER RESEARCH INSTITUTE RS72107-00	ALTMAN, NORMAN H	CONSIGNEE AND HOLDING FUNCTIONS FOR NEW WORLD PRIMATES	96,000
INSTITUTION TOTAL	1	96,000	
CITY TOTAL	1	96,000	

NIH
RESEARCH CONTRACTS

DOLLARS
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
STATE TOTAL	1	96,000	
MARYLAND			
KENSINGTON			
LITTON INDUSTRIES--LITTON BIONETICS			
CP75893-00	KINGSBURY, ELIZABETH	STUDY TRACHEAL MUCOSAL DNA AND PERIPHERAL LUNG TISSUE	9,822
INSTITUTION TOTAL	1	9,822	
CITY TOTAL	1	9,822	
ROCKVILLE			
E G & G, INC.--MASON RESEARCH INSTITUTE			
CP71001-00	GETSCHMAN, JAMES L	COMPUTER SUPPORT EFFORT FOR RESOURCES MANAGEMENT	265,682
CB74140-00	KRAMER, ANNE	DATA ANALYSES FOR BREAST CANCER TREATMENT PROGRAM	65,800
INSTITUTION TOTAL	2	331,482	
CITY TOTAL	2	331,482	
STATE TOTAL	3	341,304	
MASSACHUSETTS			
BOSTON			
BOSTON UNIVERSITY			
AG72108-00	JICK, HERSHEL	AGE RELATED DRUG DOSAGE AND DRUG INTERACTIONS	55,102
INSTITUTION TOTAL	1	55,102	
CITY TOTAL	1	55,102	
WALTHAM			
COLLABORATIVE RESEARCH, INC.			
CH77071-00	ORRIE, H FRIEDMAN	SYNTHESIS OF VARIOUS PHOSPHORAMIDES	94,271
INSTITUTION TOTAL	1	94,271	
CITY TOTAL	1	94,271	
STATE TOTAL	2	149,373	
MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA			
HD72803-00	SCHUMAN, LEONARD H	HEALTH STATUS OF AMERICAN MEN	124,203
INSTITUTION TOTAL	1	124,203	

NIH
RESEARCH CONTRACTS

DOLLARS
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
CITY TOTAL	1	124,203	
MINNESOTA			
ROCHESTER			
MAYO FOUNDATION			
HD72801-C0	KURLAND, LEONARD T	HEALTH STATUS OF AMERICAN MEN	96,625
INSTITUTION TOTAL	1		96,625
CITY TOTAL	1		96,625
STATE TOTAL	2		220,828
MISSISSIPPI			
JACKSON			
UNIVERSITY OF MISSISSIPPI MEDICAL CENTER			
NS72357-00	HAERER, ARMIN F	SURVEY NEUROLOGICAL DISORDERS IN COPIAH COUNTY, MISS	3,000
INSTITUTION TOTAL	1		3,000
CITY TOTAL	1		3,000
STATE TOTAL	1		3,000
NEW JERSEY			
CAMDEN			
ECA CORPORATION			
LM74704-00	CUMMINGS, MARTIN M	MAINTAIN PHS CTS COMMUNICATIONS GROUND TERMINALS	338,404
INSTITUTION TOTAL	1		338,404
CITY TOTAL	1		338,404
THOROFARE			
AMERICAN GASTROENTEROLOGICAL ASSOCIATION			
LM74701-00	STYERS, KENNETH	VISUALIZED LECTURES IN INTESTINAL FUNCTION AND DIARRHEA	16,500
INSTITUTION TOTAL	1		16,500
CITY TOTAL	1		16,500
STATE TOTAL	2		354,904
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
CP75880-C0	EDOZIEN, JOSEPH C	GUIDE TO DIET AND ANTHROPOMETRY IN CANCER EPIDEMIOLOGY	56,598

NIH
RESEARCH CONTRACTS

DOLLARS
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL	1	56,598	
CITY TOTAL	1	56,598	
STATE TOTAL	1	56,598	
OHIO			
CINCINNATI			
CHRIST HOSPITAL			
AI72522-00	PONS, MARCEL W	DETECTION OF RESPIRATORY VIRUS GENOMES IN HUMAN TISSUES	63,016
INSTITUTION TOTAL	1	63,016	
CITY TOTAL	1	63,016	
STATE TOTAL	1	63,016	
VIRGINIA			
SPRINGFIELD			
REVLON, INC.--MELOY LABORATORIES			
HD72814-00	OLSON, DOUGLAS	ISOLATION OF GONAL/GCNADOTROPIN BINDING SITES	115,857
INSTITUTION TOTAL	1	115,857	
CITY TOTAL	1	115,857	
STATE TOTAL	1	115,857	
CANADA			
TORONTO			
UNIVERSITY OF TORONTO			
CP75879-00	FARBER, EMMANUEL	BIOCHEMISTRY AND MORPHOLOGY OF HEPATIC CARCINOGENESIS	83,306
INSTITUTION TOTAL	1	83,306	
CITY TOTAL	1	83,306	
STATE TOTAL	1	83,306	
TOTAL	20	2,432,209	

NIH
RESEARCH TRAINING GRANTS

DOLLARS
AWARDED

GRANT NUMBER PROGRAM DIRECTOR TITLE OF PROGRAM

CALIFORNIA
DAVIS
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS
GM07467-01 AYALA, FRANCISCO J GENETICS

139,161

INSTITUTION TOTAL 1 139,161
CITY TOTAL 1 139,161

LA JOLLA
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO
NS07078-01A1 LAMPERT, PETER W PATHOGENESIS OF VIRUS INDUCED BRAIN DISEASE

37,578

INSTITUTION TOTAL 1 37,578
CITY TOTAL 1 37,578

LOS ANGELES
UNIVERSITY OF SOUTHERN CALIFORNIA
AG00037-01 SCHALE, K WARNER GERONTOLOGY

78,688

INSTITUTION TOTAL 1 78,688
CITY TOTAL 1 78,688

SAN FRANCISCO
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO
NS07067-01A1 HALL, ZACH W NEUROSCIENCES
GM07546-01 MELMON, KENNETH L CLINICAL PHARMACOLOGY--PHARMACOKINETICS

67,745
40,911

INSTITUTION TOTAL 2 108,656
CITY TOTAL 2 108,656

STANFORD
STANFORD UNIVERSITY RUBINSTEIN, LUCIEN J NEUROPATHOLOGY
NS07111-01

42,326

INSTITUTION TOTAL 1 42,326
CITY TOTAL 1 42,326

TORRANCE
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR GENERAL HOSPITAL
HD07013-01A1 FISHER, DELBERT A PERINATAL BIOLOGY

40,241

INSTITUTION TOTAL 1 40,241

NIH
RESEARCH TRAINING GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	
CITY TOTAL	1	40,241	
STATE TOTAL	7	446,650	
CONNECTICUT			
STORRS			
UNIVERSITY OF CONNECTICUT			
GM07219-01A1	GOETINCK, PAUL F	CONTROL MECHANISMS IN CELLULAR AND MOLECULAR BIOLOGY	32,594
INSTITUTION TOTAL	1	32,594	
CITY TOTAL	1	32,594	
STATE TOTAL	1	32,594	
DIST OF COL			
WASHINGTON			
GEORGETOWN UNIVERSITY			
GM07443-01	STANDAERT, FRANK G	NEUROPHARMACOLOGY	53,995
INSTITUTION TOTAL	1	63,995	
CITY TOTAL	1	63,995	
STATE TOTAL	1	63,995	
GEORGIA			
ATLANTA			
EMORY UNIVERSITY			
HD07121-01	NEILL, JIMMY D	GONADOTROPIC HORMONES: SECRETION AND FUNCTION	31,068
INSTITUTION TOTAL	1	31,068	
CITY TOTAL	1	31,068	
STATE TOTAL	1	31,068	
ILLINOIS			
CHICAGO			
UNIVERSITY OF CHICAGO			
NS07113-01	ARNASON, BARRY G	IMMUNOLOGY OF NERVOUS SYSTEM DISEASES	56,234
GM07543-01	EPSTEIN, WOLFGANG	HUMAN AND BIOCHEMICAL GENETICS	82,683
AG00039-01	NEUGARTEN, BERNICE L	ADULT DEVELOPMENT AND AGING	84,367
INSTITUTION TOTAL	3	223,284	
CITY TOTAL	3	223,284	

DOLLARS
AWARDEDNIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
ILLINOIS			
EVANSTON			
NORTHWESTERN UNIVERSITY			
NS07100-01	CANTER, GERALD J	SPEECH AND LANGUAGE PATHOLOGY	64,265
NS07108-01	ELLIOTT, LOIS L	NEUROBIOLOGY OF HEARING	59,841
INSTITUTION TOTAL	2	124,106	
CITY TOTAL	2	124,106	
STATE TOTAL	5	347,390	
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
GM07442-01	ROBERTS, ROBERT J	CLINICAL PHARMACOLOGY AND TOXICOLOGY	41,829
INSTITUTION TOTAL	1	41,829	
CITY TOTAL	1	41,829	
STATE TOTAL	1	41,829	
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
HD07111-01	MONEY, JOHN	EPHEBOLOGY AND EPHEBIATRICS	70,187
INSTITUTION TOTAL	1	70,187	
CITY TOTAL	1	70,187	
STATE TOTAL	1	70,187	
MASSACHUSETTS			
AMHERST			
UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS AT AMHERST			
GM07473-01	WESTHEAD, EDWARD W, JR	PROGRAM IN MOLECULAR AND CELLULAR BIOLOGY	42,815
INSTITUTION TOTAL	1	42,815	
CITY TOTAL	1	42,815	
BOSTON			
HARVARD UNIVERSITY			
GM07560-01	O' CONNOR, NICHOLAS E	TRAUMA AND BURN RESEARCH	40,537

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
HARVARD UNIVERSITY			
NS07112-01	POTTER, DAVID D	NEUROBIOLOGY	138,148
INSTITUTION TOTAL	2		178,685
CITY TOTAL	2		178,685
CAMBRIDGE			
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
NS07099-01	BRAIDA, LOUIS D	AUDITORY PERCEPTION IN NORMAL AND IMPAIRED LISTENERS	33,580
NS07047-01A1	PEAKE, WILLIAM T	AUDITORY PHYSIOLOGY	59,645
INSTITUTION TOTAL	2		93,225
CITY TOTAL	2		93,225
STATE TOTAL	5		314,725
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN			
HD07109-01	HAGEN, JOHN W	DEVELOPMENTAL PSYCHOLOGY	118,150
NS07106-01	HAWKINS, JOSEPH E, JR	AUDITORY AND VESTIBULAR MECHANISMS AND DISTURBANCES	56,384
INSTITUTION TOTAL	2		174,534
CITY TOTAL	2		174,534
STATE TOTAL	2		174,534
MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA			
NS07084-01A1	PAPARELLA, MICHAEL M	OTOLARYNGOLOGY	43,772
GM07480-01A1	SOINE, TAITO O	MEDICINAL CHEMISTRY	31,050
INSTITUTION TOTAL	2		74,822
CITY TOTAL	2		74,822
ROCHESTER			
MAYO FOUNDATION			
HD07108-01	RYAN, ROBERT J	REPRODUCTIVE BIOLOGY	34,322
INSTITUTION TOTAL	1		34,322

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
CITY TOTAL	1	34,322	
STATE TOTAL	3	109,144	
MISSOURI			
UNIVERSITY CITY			
WASHINGTON UNIVERSITY			
AG00030-01	BOTHWICK, JACK	AGING AND DEVELOPMENT	45,447
NS07071-01A1	BUNGE, RICHARD P	NEUROBIOLOGY	75,922
INSTITUTION TOTAL	2	121,369	
CITY TOTAL	2	121,369	
STATE TOTAL	2	121,369	
NEW YORK			
NEW YORK			
CORNELL UNIVERSITY MEDICAL CENTER			
GH07547-01	BIKER, WALTER F, JR	PHARMACOLOGICAL SCIENCES	77,195
INSTITUTION TOTAL	1	77,195	
ROCKEFELLER UNIVERSITY			
GH07524-01	PPAFFMANN, CARL	BIOLOGICAL BASIS OF BEHAVIOR	133,543
INSTITUTION TOTAL	1	133,543	
YESHIVA UNIVERSITY			
GH07491-01	HURWITZ, JERARD	BIOMEDICAL SCIENCES	156,302
INSTITUTION TOTAL	1	156,302	
CITY TOTAL	3	367,040	
STATE TOTAL	3	367,040	
OHIO			
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
GH07535-01	PLONSEY, ROBERT	BIOMEDICAL ENGINEERING/SYSTEMS & INTEGRATIVE	86,297
GH07382-01	WEBSTER, LESLIE	PHARMACOLOGY	21,572
INSTITUTION TOTAL	2	107,869	
CITY TOTAL	2	107,869	

NIH
RESEARCH TRAINING GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	
STATE TOTAL			107,869
OREGON			
PORTLAND			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON HEALTH SCIENCES CENTER			
GM07336-01	JONES, RICHARD T	CELLULAR AND MOLECULAR BIOLOGY	31,343
INSTITUTION TOTAL			31,343
CITY TOTAL			31,343
STATE TOTAL			31,343
PENNSYLVANIA			
PHILADELPHIA			
UNIVERSITY OF PENNSYLVANIA			
HD07116-01	KNOBIL, ERNST	PRIMATE REPRODUCTIVE PHYSIOLOGY	18,257
GM07511-01	HELLMAN, WILLIAM J	HUMAN GENETICS	88,792
HD07113-01	VAN DE WALL, ETIENNE	DEMOGRAPHY	43,584
INSTITUTION TOTAL			150,633
CITY TOTAL			150,633
STATE TOTAL			150,633
SOUTH CAROLINA			
CHARLESTON			
MEDICAL UNIVERSITY OF SOUTH CAROLINA			
GM07534-01	GAFNEY, THOMAS E	CLINICAL PHARMACOLOGY	32,665
INSTITUTION TOTAL			32,665
CITY TOTAL			32,665
STATE TOTAL			32,665
TENNESSEE			
NASHVILLE			
VANDERBILT UNIVERSITY			
GM07569-01	OATES, JOHN A	CLINICAL PHARMACOLOGY	59,820
INSTITUTION TOTAL			59,820
CITY TOTAL			59,820
STATE TOTAL			59,820

NIH
RESEARCH TRAINING GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	
TEXAS			
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
GM07330-01A1	WAKIL, SALIH J	MEDICAL SCIENTIST	17,567

INSTITUTION TOTAL	1	17,567
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UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON		
GM07542-01	DE MOSS, JOHN A	MOLECULAR BASIS OF CELL FUNCTION
HD07119-01	PRESLOCK, JAMES P	HUMORAL REGULATION OF REPRODUCTIVE SYSTEMS

INSTITUTION TOTAL	2	85,885
CITY TOTAL	3	103,452

STATE TOTAL	3	103,452
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VIRGINIA		
RICHMOND		
VIRGINIA COMMONWEALTH UNIVERSITY		
GM07492-01	NANCE, WALTER E	HUMAN GENETICS

INSTITUTION TOTAL	1	46,307
CITY TOTAL	1	46,307

STATE TOTAL	1	46,307
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TOTAL	44	2,652,614
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46,307

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
ALABAMA			
BIRMINGHAM			
UNIVERSITY OF ALABAMA IN BIRMINGHAM			
CA05977-01	BARTON, JAMES C	TOXICOLOGY/PHARMACODYNAMICS	F32
HL05509-01	FURUTO, DONALD K	TISSUE CULTURE: PATHOLOGY	F32
INSTITUTION TOTAL 2			
CITY TOTAL 2			
STATE TOTAL 2			
ARIZONA			
TUCSON			
UNIVERSITY OF ARIZONA			
NS05585-01A1	HRUSKA, ROBERT E	NEUROPHARMACOLOGY	F32
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STATE TOTAL 1			
CALIFORNIA			
BERKELEY			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY			
EY05201-01	APPLEGATE, RAYMOND A	GENERAL PSYCHOLOGY	F32
EY05202-01	BONDS, ALFRED B, III	OPHTHALMOLOGY	F32
CA05929-01	EVANS, LEONARD H	VIROLOGY	F32
CA05948-01	KUDRNA, ROBERT D	GENETICS	F32
HD05504-01	SIZEMORE, STEPHEN R	MOLECULAR BIOLOGY	F32
NS05717-01	SMITH, STEPHEN J	NEURO/MUSCULAR PHYSIOLOGY	F32
INSTITUTION TOTAL 6			
CITY TOTAL 6			
DAVIS			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS			
ES05094-01	FOX, DONALD A	TOXICOLOGY/PHARMACODYNAMICS	F32
NS05716-01	WILKISON, DOUGLAS M	NEUROPHARMACOLOGY	F32
INSTITUTION TOTAL 2			
CITY TOTAL 2			

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CALIFORNIA			
DUARTE			
CITY OF HOPE MEDICAL CENTER			
NS05695-01	KRAUSE, DIANA C	CHEMICAL PHARMACOLOGY	F32
INSTITUTION TOTAL 1			
CITY TOTAL 1			
IRVINE			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT IRVINE			
NS05720-01	BEACH, ROBERT L	BIOLOGY	F32
CA05960-01	FONG, KENNETH S	NUCLEIC ACID BIOCHEMISTRY	F32
NS05746-01	KELLY, PAUL T	NEUROANATOMY	F32
NS05694-01	WEISZ, DONALD	PSYCHOLOGICAL PSYCHOLOGY	F32
INSTITUTION TOTAL 4			
CITY TOTAL 4			
LA JOLLA			
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
NS05715-01	BERMAN, PHILLIP W	NEUROPATHOLOGY	F32
INSTITUTION TOTAL 1			
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
CA05916-01	BARTHOLOMEW, RICHARD M	IMMUNOLOGY	F32
NS05686-01	FUJINAMI, ROBERT S	VIROLOGY	F32
NS05687-01	HUDDLESTONE, JOHN R	IMMUNOLOGY	F32
AI05574-01	SKELLY, REGINA R	IMMUNOLOGY	F32
INSTITUTION TOTAL 4			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
NS05482-01A1	BOTTENSTEIN, JANE E	OBSTETRICS	F32
CA05917-01	TAUB, MARY L	ONCOLOGY	F32
INSTITUTION TOTAL 2			
CITY TOTAL 7			
LOS ANGELES			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
NS05316-01A1	BUTCHER, SHERREL G	NEURO/MUSCULAR PHYSIOLOGY	F32

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CALIFORNIA			
LOS ANGELES			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
NS05702-01	CANNON, JOHN T	NEURO/MUSCULAR PHYSIOLOGY	F32
HL05553-01	CHAPMAN, BARBARA	MOLECULAR BIOLOGY	F32
HD05472-01	DAMASSA, DAVID A	REPRODUCTIVE PHYSIOLOGY	F32
NS05706-01	NG, RONALD H	TOXICOLOGY/PHARMACODYNAMICS	F32
NS05725-01	SQUIRES, NANCY K	AUDIOLOGY	F32
AG05063-01	TAM, CHICK F	AGING PROCESS	F32
CA05958-01	THOMA, JOHN A	ONCOLOGY	F32
INSTITUTION TOTAL 8			
VETERANS ADMINISTRATION WADSWORTH HOSPITAL CENTER			
AM05651-01	KAUFFMAN, GORDON L, JR	GASTROINTESTINAL PHYSIOLOGY	F32
INSTITUTION TOTAL 1			
CITY TOTAL 9			
PASADENA			
CALIFORNIA INSTITUTE OF TECHNOLOGY			
HD05510-01	ANDERSON, DAVID M	CELL DIVISION	F32
NS05743-01	WASS, MENASCHE M	BIOLOGY	F32
AM05700-01	YANCEY, S BARBARA	MOLECULAR BIOLOGY	F32
INSTITUTION TOTAL 3			
CITY TOTAL 3			
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
HD05483-01	FISHER, DAVID J	GROWTH AND DEVELOPMENT	F32
NS05749-01	JACOB, PEYTON, III	NEUROPHARMACOLOGY	F32
HL05523-01	MACLEOD, KATHRYN M	CARDIOVASCULAR DISEASES	F32
CA05927-01	ROBERTSON, DONALD L	VIROLOGY	F32
HL05528-01	THRASHER, TERRY N	CARDIOVASCULAR DISEASES	F32
AM05674-01	VAN NEST, GARY A	MOLECULAR BIOLOGY	F32
INSTITUTION TOTAL 6			
CITY TOTAL 6			
SANTA CRUZ			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SANTA CRUZ			
EY05203-01	WINTERLE, JOHN S	GENERAL PSYCHOLOGY	F32
INSTITUTION TOTAL 1			

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CITY TOTAL	1		
CALIFORNIA			
STANFORD			
STANFORD UNIVERSITY			
NS05700-01	LANDRETH, GARY E	BIOCHEMISTRY	F32
CA05885-01	MEYER, RALPH R	MOLECULAR BIOLOGY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	41		
COLORADO			
BOULDER			
UNIVERSITY OF COLORADO AT BOULDER			
EY05196-01	SMITH, DOUGLAS C	NEURO/MUSCULAR PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
DENVER			
ELEANOR ROOSEVELT INSTITUTE FOR CANCER RESEARCH			
HL05563-01	PINKERTON, FREDERICK D	BIOCHEMISTRY	F32
INSTITUTION TOTAL	1		
NATIONAL JEWISH HOSPITAL AND RESEARCH CENTER			
AI05545-01	GOLDSTINE, STEVEN N	HEMATOLOGY	F32
INSTITUTION TOTAL	1		
UNIVERSITY OF COLORADO MEDICAL CENTER			
NS05714-01	DIENER, MARK D	NEUROPHARMACOLOGY	F32
AM05676-01	ERFLING, WILLIAM F	GASTROENTEROLOGY	F32
CA05937-01	GIORNO, RALPH C	MOLECULAR BIOLOGY	F32
CA05949-01	KRYSTOSEK, ALPHONSE P	BIOCHEMICAL AND MOLECULAR GENETICS	F32
INSTITUTION TOTAL	4		
CITY TOTAL	6		

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
COLORADO			
FORT COLLINS			
COLORADO STATE UNIVERSITY			
CA05946-01	FLEMING, MICHAEL P	ORGANIC SYNTHESIS	F32
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STATE TOTAL 8			
CONNECTICUT			
FARMINGTON			
UNIVERSITY OF CONNECTICUT HEALTH CENTER			
AI05572-01	CRAWFORD, JOHN M	IMMUNOLOGY	F32
INSTITUTION TOTAL 1			
CITY TOTAL 1			
NEW HAVEN			
YALE UNIVERSITY			
NS05747-01	CAMPBELL, DONALD T	NEURO/MUSCULAR PHYSIOLOGY	F32
HL05558-01	CHASIS, JOEL A	HEMATOLOGY/IMMUNOLOGY	F32
CA05965-01	COSTA, MAX	ONCOLOGY	F32
HL05562-01	JANIAK, MARTIN J	MOLECULAR STRUCTURE	F32
CA05924-01	LAZO, JOHN S	CANCER CHEMOTHERAPY	F32
HL05559-01	MADRI, JOSEPH A	CLINICAL PATHOLOGY	F32
AM05678-01	ROLL, FREDERICK J	LIVER DISEASES	F32
HL05543-01	ZORN, STEVEN K	PATHOLOGY	F32
INSTITUTION TOTAL 8			
CITY TOTAL 8			
STORRS			
UNIVERSITY OF CONNECTICUT			
HD05375-01	BOOTH, CATHRYN L	PSYCHOLOGY OF CHILDHOOD AND ADOLESCENCE	F32
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STATE TOTAL 10			

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
FLORIDA			
GAINESVILLE			
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA			
NS05608-01A1	BULLARD, PATRICIA C	NEUROLOGY AND BEHAVIOR	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
MIAMI			
UNIVERSITY OF MIAMI			
CA05895-01	DISTASIO, JOHN A	IMMUNOLOGY	F32
HL05522-01	GERSTENBLITH, GARY	CARDIOVASCULAR DISEASES	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	3		
GEORGIA			
ATLANTA			
EMORY UNIVERSITY			
AM05662-01	FLETCHER, DONALD J	DIABETES	F32
NS05718-01	VALENZENO, DENNIS P	NEURO/MUSCULAR PHYSIOLOGY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
ILLINOIS			
CHICAGO			
UNIVERSITY OF CHICAGO			
NS05701-01	BEST, PHILIP H	NEURO/MUSCULAR PHYSIOLOGY	F32
HL05551-01	MACCHIA, DONALD D	CARDIOVASCULAR/PULMONARY PHYSIOLOGY	F32
CA05891-C1	POWELL, ANN L	VIROLOGY	F32
HD05363-01	VERTEL, BARBARA A	MOLECULAR BIOLOGY	F32
INSTITUTION TOTAL	4		
CITY TOTAL	4		
EVANSTON			
NORTHWESTERN UNIVERSITY			
NS05729-01	GRANTHAM, DEWEY W	AUDIOLOGY	F32

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
ILLINOIS			
EVANSTON			
NORTHWESTERN UNIVERSITY			
EY05195-01	JAKIELA, HENRY G	NEURO/MUSCULAR PHYSIOLOGY	F32
EY05193-01	LINSENMEIER, ROBERT A	OPHTHALMOLOGY	F32
HL05561-01	SORRELL, THEOPHILUS	ORGANIC CHEMISTRY	F32
INSTITUTION TOTAL	4		
CITY TOTAL	4		
STATE TOTAL	8		
INDIANA			
BLOOMINGTON			
INDIANA UNIVERSITY SYSTEM--INDIANA UNIVERSITY AT BLOOMINGTON			
HD05487-01	LEISTER, DENNIS E	MOLECULAR BIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
WEST LAFAYETTE			
PURDUE UNIVERSITY			
NS05739-01	STRUBLE, ROBERT G	NEUROANATOMY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
HL05535-01	HOFFMAN, WILLIAM E	CARDIOVASCULAR DISEASES	F32
HL05529-01	LUND, DONALD D	CARDIOVASCULAR DISEASES	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
NS05680-01	HIRANDA, FERNANDO	NEUROLOGY	F32

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
INSTITUTION TOTAL	1		
CITY TOTAL	1		
MARYLAND			
BETHESDA			
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE--NATIONAL INSTITUTES OF HEALTH			
HL05519-01	BENESKI, DANIEL A	BIOLOGY	F32
DE05097-01A1	CAPUTO, CLAUDIA B	TERATOLOGY	F32
DE05117-01	CELESKE, ROGER A	PERIODONTIA	F32
NS05677-01	DUM, RICHARD P	NEURO/MUSCULAR PHYSIOLOGY	F32
NS05710-01	HOLUB, RICHARD A	NEURO/MUSCULAR PHYSIOLOGY	F32
CA05914-01	MATTES, MICHAEL J	IMMUNOLOGY	F32
DE05114-01	MICHALEK, SUZANNE M	PERIODONTIA	F32
TH00181-01	RAMACHANDRAN, GOPALASAMUDRAM	MOLECULAR STRUCTURE	F15
HL05554-01	SEELIG, GAIL F	BLOOD/BLOOD FORMING PHYSIOLOGY	F32
TH00180-01	SUGIMURA, TAKASHI	CANCER PREVENTION AND CONTROL	F15
INSTITUTION TOTAL	10		
CITY TOTAL	10		
STATE TOTAL	11		
MASSACHUSETTS			
BOSTON			
AFFILIATED HOSPITALS CENTER--PETER BENT BRIGHAM HOSPITAL			
HL05530-01	PRIANO, LAWRENCE L	CARDIOVASCULAR/PULMONARY PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
AFFILIATED HOSPITALS CENTER--ROBERT BRECK BRIGHAM HOSPITAL			
CA05933-01	SHARMA, SOMESH D	IMMUNOCHEMISTRY	F32
INSTITUTION TOTAL	1		
BOSTON UNIVERSITY			
NS05697-01	WILLIS, JOHN K, II	PEDIATRIC NEUROLOGY	F32
INSTITUTION TOTAL	1		
HARVARD UNIVERSITY			
NS05688-01	BEITZ, ALVIN J	NEUROANATOMY	F32
HL05544-01	EMMETT, NERIMIAH L	EXCRETORY PHYSIOLOGY	F32

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MASSACHUSETTS			
BOSTON			
HARVARD UNIVERSITY			
HL05539-01	FRANKLIN, FRANK A, JR	METABOLIC DISEASES	F32
HD05500-01	PRIMAKOFF, PAUL	REPRODUCTIVE PHYSIOLOGY	F32
CA05970-01	ROSE, STEVEN L	PHYSICAL BIOCHEMISTRY	F32
HD05415-01	SEELEY, DANIEL H	ENDOCRINOLOGY	F32
HL05542-01	SOMBERG, JOHN C	PHARMACOLOGY	F32
CA05898-01	SU, TZYH-CHUAN, ROBERT	VIROLOGY	F32
NS05724-01	SWEADNER, KATHLEEN J	BIOLOGY	F32
HL05560-01	SZE, HEVEN	CELL PHYSIOLOGY	F32
INSTITUTION TOTAL 10			
MASSACHUSETTS GENERAL HOSPITAL			
CA05913-01	JAKEN, SUSAN R	CELL DIVISION	F32
CA05975-01	SCHRODER, EDWARD W	MOLECULAR BIOLOGY	F32
INSTITUTION TOTAL 2			
SIDNEY FARBER CANCER INSTITUTE			
NS05712-01	CHUN, LINDA L	NEUROLOGY	F32
CA05926-01	SAHAGAN, BARBARA G	BIOCHEMICAL AND MOLECULAR GENETICS	F32
INSTITUTION TOTAL 2			
TUFTS UNIVERSITY			
CA05899-01	GREENFIELD, ROBERT S	VIROLOGY	F32
AI05568-01	MONGINI, PATRICIA K	IMMUNOLOGY	F32
CA05940-01	YENOFKY, RICHARD L	MOLECULAR BIOLOGY	F32
INSTITUTION TOTAL 3			
CITY TOTAL 20			
CAMBRIDGE			
HARVARD UNIVERSITY			
CA05956-01	BARGAR, THOMAS H	ORGANIC SYNTHESIS	F32
HL05555-01	LUNA, ELIZABETH J	MOLECULAR BIOLOGY	F32
INSTITUTION TOTAL 2			
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
CA05943-01	LEVENSON, ROBERT G	MOLECULAR BIOLOGY	F32
NS05477-01A1	MALPELLI, JOSEPH G	NEURO/MUSCULAR PHYSIOLOGY	F32

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MASSACHUSETTS CAMBRIDGE			
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
CA05968-01	THOMAS, RICHARD C	ORGANIC SYNTHESIS	P32
INSTITUTION TOTAL	3		
CITY TOTAL	5		
WALTHAM			
BRANDEIS UNIVERSITY			
AM05673-01	COLSON, CHARLES E	ENZYME/METABOLISM BIOCHEMISTRY	P32
CA05538-01A1	NA, CHAO	PHYSICAL BIOCHEMISTRY	P32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
WORCESTER			
UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL			
AM05653-01	SCHEID, CHERYL A	NEURO/MUSCULAR PHYSIOLOGY	P32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	28		
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN			
AM05675-01	NOONAN, ROBERT A	ENDOCRINOLOGY	P32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
DETROIT			
WAYNE STATE UNIVERSITY			
AG05062-01	STEGE, RICHARD W	ENDOCRINOLOGY	P32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MINNESOTA			
AUSTIN			
UNIVERSITY OF MINNESOTA			
CA05947-01	TUCKER, STEPHEN B	IMMUNOCHEMISTRY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA			
CA05909-01	ASCHER, NANCY L	TRANSPLANTATION STUDIES	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
ROCHESTER			
MAYO FOUNDATION			
HD05480-01	THRALL, CARY L	REPRODUCTIVE PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	3		
MISSISSIPPI			
JACKSON			
UNIVERSITY OF MISSISSIPPI MEDICAL CENTER			
CA05974-01	WHARTON, JOE H	GENETICS	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
MISSOURI			
SAINT LOUIS			
ST. LOUIS UNIVERSITY			
HL05511-01	FRICKE, ROBERT F	CARDIOVASCULAR/PULMONARY PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MISSOURI UNIVERSITY CITY			
WASHINGTON UNIVERSITY			
CA05930-01	AUTRY, JOHNNA R	IMMUNOLOGY	F32
AM05666-01	BLACK, BETTY L	METABOLIC DISEASES	F32
NS05683-01	WYSS, JAMES M	NEUROANATOMY	F32
INSTITUTION TOTAL	3		
CITY TOTAL	3		
STATE TOTAL	4		
NEW JERSEY PISCATAWAY			
COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY--RUTGERS MEDICAL SCHOOL			
AM05699-01	SITREN, HARRY S	GASTROENTEROLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
PRINCETON PRINCETON UNIVERSITY			
CA05887-01	MALTZMAN, WARREN H	VIROLOGY	F32
AG05088-01	WALLACE, JULIA E	PSYCHOLOGICAL COMPLEX PROCESSES	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	3		
NEW MEXICO ALBUQUERQUE			
UNIVERSITY OF NEW MEXICO			
CA05921-01	VINCENT, JANIS C	HEMATOLOGY/IMMUNOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
NEW YORK BUFFALO			
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE			
CA05972-01	BOGIO, DENNIS A	DRUG ENZYMOLOGY	F32

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
NEW YORK BUFFALO NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE CA05928-01	FREEDMAN, HARVEY J	ONCOLOGY	F32
INSTITUTION TOTAL	2		
STATE UNIVERSITY OF NEW YORK AT BUFFALO NS05705-01	HUDECKI, MICHAEL S	MOLECULAR BIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	3		
COLD SPRING HARBOR COLD SPRING HARBOR LABORATORY CA05897-01	GINGERAS, THOMAS R	NUCLEIC ACID BIOCHEMISTRY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
NEW YORK COLUMBIA UNIVERSITY HL05546-01	FAN, FOUN CHUNG	CARDIOVASCULAR DISEASES	F32
DE05115-01	KIM, SYNGCUK	CLINICAL DENTISTRY	F32
NS05742-01	KUMBARACI, NURAN M	NEURO/MUSCULAR PHYSIOLOGY	F32
DE05121-01	SANDREW, BARRY B	INTERNAL MEDICINE	F32
INSTITUTION TOTAL	4		
CORNELL UNIVERSITY MEDICAL CENTER HL05536-01	LEE, CHI-HO	PHARMACOLOGY	F32
INSTITUTION TOTAL	1		
MEMORIAL SLOAN-KETTERING CANCER CENTER CA05904-01	PELUS, LOUIS M	ONCOLOGY	F32
INSTITUTION TOTAL	1		
MOUNT SINAI MEDICAL CENTER GM05921-01	GLASS, ROGER I	EPIDEMIOLOGY	F32
INSTITUTION TOTAL	1		

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
NEW YORK			
NEW YORK			
ROCKEFELLER UNIVERSITY			
CA05892-01	D'EUSTACHIO, PETER G	IMMUNOLOGY	F32
NS05693-01	GRAB, DENNIS J	CELL BIOLOGY	F32
HL05516-01	HALEY, NANCY J	METABOLIC DISEASES	F32
HD05490-01	HOFFMAN, STANLEY R	MOLECULAR BIOLOGY	F32
CA05900-01	SEHGAL, PRAVINKUMAR B	GENETICS	F32
CA05893-01	WANG, LU-HAI	VIROLOGY	F32
HD05482-01	WEBB, CYNTHIA A	DEVELOPMENTAL BIOLOGY	F32
INSTITUTION TOTAL	7		
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
CA05925-01	AUGUST, MARILYN J	FINE STRUCTURE CELL BIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	15		
ROCHESTER			
UNIVERSITY OF ROCHESTER			
HD05089-01A2	SAMUELSON, MARLENE	CELL PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STONY BROOK			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
NS05682-01	REINER, ANTON J	NEUROANATOMY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	21		
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
HL05531-01	LIGHT, KATHLEEN A	EXCRETORY PHYSIOLOGY	F32
DE05113-01	MILLER, KATHLEEN K	CLEFT PALATE	F32
NS05722-01	NEMEROFF, CHARLES B	ENDOCRINE PHYSIOLOGY	F32
NS05696-01	REAVES, TROY A, JR	ENDOCRINE PHYSIOLOGY	F32
INSTITUTION TOTAL	4		

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CITY TOTAL	4		
NORTH CAROLINA			
DURHAM			
DUKE UNIVERSITY			
NS05685-01	HINE, RODNEY J	NEURO/MUSCULAR PHYSIOLOGY	F32
HD05508-01	HURLEY, THOMAS W	GROWTH AND DEVELOPMENT	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
RALEIGH			
UNIVERSITY OF NORTH CAROLINA SYSTEM--NORTH CAROLINA STATE UNIVERSITY AT RALEIGH			
CA05964-01	MC FARLAND, BLANCHE L	ONCOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	7		
OHIO			
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
CA05967-01	POTENZONE, RUDOLPH, JR	COMPUTER PROGRAMMING	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
COLUMBUS			
OHIO STATE UNIVERSITY			
NS05679-01	DUNN, DEREK E	AUDIOLOGY	F32
NS05734-01	RIBAS, JORGE L	NEUROPATHOLOGY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	3		
OREGON			
CORVALLIS			
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON STATE UNIVERSITY			
CA05888-01	JONES, MARGARET C	VIROLOGY	F32

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
INSTITUTION TOTAL	1		
CITY TOTAL	1		
OREGON			
EUGENE			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON			
EY05199-01	YOUNG, RICHARD A	NEURO/MUSCULAR PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
PENNSYLVANIA			
PHILADELPHIA			
INSTITUTE FOR CANCER RESEARCH			
CA05934-01	SHEARMAN, CLYDE W, JR	ONCOLOGY	F32
INSTITUTION TOTAL	1		
MEDICAL COLLEGE OF PENNSYLVANIA			
NS05711-01	PRENDERGAST, JOCELYN	NEUROANATOMY	F32
INSTITUTION TOTAL	1		
TEMPLE UNIVERSITY			
DE05112-01	CAMPOS, JOSEPH M		
AG05072-01	ROSENFELD, ARLINE C	ORAL PATHOLOGY ENDOCRINOLOGY	F32 F32
INSTITUTION TOTAL	2		
UNIVERSITY OF PENNSYLVANIA			
NS05740-01	JACOBS, WILLIAM W, JR	RECEPTOR AND EFFECTOR PROCESSES	F32
CA05950-01	KOPPELMANN, LOIS E	ONCOLOGY	F32
NS05690-01	LERMAN, JUDITH L	NEURO/MUSCULAR PHYSIOLOGY	F32
HL05515-01	SELDEN, JULES R	GENETICS	F32
NS05681-01	STERN-TOMLINSON, WENDY	NEURO/MUSCULAR PHYSIOLOGY	F32
INSTITUTION TOTAL	5		
CITY TOTAL	9		

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
PENNSYLVANIA PITTSBURGH UNIVERSITY OF PITTSBURGH AM05668-01	HUGHEY, REBECCA P	METABOLIC DISEASES	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
UNIVERSITY PARK PENNSYLVANIA STATE UNIVERSITY HL05538-01	SCHROEDL, NANCY A	CARDIOVASCULAR/PULMONARY PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	11		
RHODE ISLAND PROVIDENCE BROWN UNIVERSITY CA05951-01	SEMON, JUDITH A	PHARMACOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
SOUTH CAROLINA COLUMBIA UNIVERSITY OF SOUTH CAROLINA CA05922-01	OTWELL, HUGH B	ENZYME/METABOLISM BIOCHEMISTRY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
TENNESSEE MEMPHIS UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES DE05116-01	JAFFREY, BRETT J	ORAL SURGERY	F32
INSTITUTION TOTAL	1		

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CITY TOTAL	1		
TENNESSEE			
NASHVILLE			
VANDERBILT UNIVERSITY			
ES05100-01	GASIEWICZ, THOMAS A	TOXICOLOGY/PHARMACODYNAMICS	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
OAK RIDGE			
OAK RIDGE ASSOCIATED UNIVERSITIES			
CA05962-01	KENEKLIS, THEODORE P	MOLECULAR BIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	3		
TEXAS			
AUSTIN			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			
HD05503-01	MULLER, CHARLES H	REPRODUCTIVE PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS			
HL05549-01	NEWTON, CHARLES R	CARDIOVASCULAR DISEASES	F32
NS05699-01	WATERHOUSE, BARRY D	BIOLOGY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON			
NS05830-C1	HASKINS, JOHN T	NEURO/MUSCULAR PHYSIOLOGY	F32
NS05698-01	KENSHALO, DANIEL R, JR	NEURO/MUSCULAR PHYSIOLOGY	F32
HL05550-01	KRAUHS, JANE C	CARDIOVASCULAR DISEASES	F32

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
TEXAS			
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON			
NS05831-01	LEBEDA, FRANK J	NEURO/MUSCULAR PHYSIOLOGY	F32
NS05726-01	ROTHMAN, BARRY S	NEURO/MUSCULAR PHYSIOLOGY	F32
NS05736-01	WISE, STEVEN P	NEURO/MUSCULAR PHYSIOLOGY	F32
INSTITUTION TOTAL	6		
CITY TOTAL	6		
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
CA05889-01	O'HARA, MICHAEL K	VIROLOGY	F32
HL05534-01	SNOW, LLOYD D	FAT AND LIPID BIOCHEMISTRY	F32
HD05502-01	WALTERS, MARIAN R	REPRODUCTIVE PHYSIOLOGY	F32
HD05257-01A1	WELSH, MICHAEL J	REPRODUCTIVE PHYSIOLOGY	F32
INSTITUTION TOTAL	4		
CITY TOTAL	4		
SAN ANTONIO			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO			
EY05191-01	IMPELMAN, DIANNE M	GENERAL PSYCHOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	14		
VERMONT			
BURLINGTON			
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE			
CA05918-01	ALLEN, ELIZABETH J	ONCOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA			
EY05197-01	FRIEDLANDER, MICHAEL J	NEURO/MUSCULAR PHYSIOLOGY	F32

NIH
RESEARCH FELLOWSHIP AWARDS

PROGRAM

FIELD OF INTEREST

APPLICATION NUMBER

FELLOW

INSTITUTION TOTAL 1
CITY TOTAL 1
STATE TOTAL 1

WASHINGTON
SEATTLE

UNIVERSITY OF WASHINGTON

HL05510-01 CHAIT, ALAN
DE05118-01 CLARK, ROBERT W, JR
HL05527-01 HOAR, PHYLLIS E
HL05520-01 JACKY, JONATHAN P
AG05082-01 MARTINEZ, ANDREW O
HD05474-01 SYBERT, VIRGINIA P

METABOLIC DISEASES
NEURO/MUSCULAR PHYSIOLOGY
NEURO/MUSCULAR PHYSIOLOGY
PULMONARY DISEASES
GENETICS
HUMAN GENETICS

F32
F32
F32
F32
F32
F32

INSTITUTION TOTAL 6

VIRGINIA MASON RESEARCH CENTER

HL05421-01A1

WINN, ROBERT K

CARDIOVASCULAR/PULMONARY PHYSIOLOGY

F32

INSTITUTION TOTAL 1
CITY TOTAL 7

STATE TOTAL 7

WISCONSIN
MADISON

UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON

HD05491-01 BAXTER, LEE A
HD05501-01 CHUBB, CURTIS E
HD05484-01 FRIEDMAN, AARON L
CA05954-01 GODLESKI, STEPHEN A
NS05731-01 JOHNSON, CARL D

F32
F32
F32
F32
F32

INSTITUTION TOTAL 5
CITY TOTAL 5

MILWAUKEE

MEDICAL COLLEGE OF WISCONSIN

HL05447-01A1

KOSTREVA, DAVID R

CARDIOVASCULAR DISEASES

F32

INSTITUTION TOTAL 1
CITY TOTAL 1

NIH
RESEARCH FELLOWSHIP AWARDS

PROGRAM

FIELD OF INTEREST

APPLICATION NUMBER FELLOW

STATE TOTAL 6

AUSTRALIA

CANNBERRA

AUSTRALIAN NATIONAL UNIVERSITY

HARDING, THOMAS H

NEURO/MUSCULAR PHYSIOLOGY

F32

INSTITUTION TOTAL 1

CITY TOTAL 1

STATE TOTAL 1

NETHERLANDS

LEIDEN

STATE UNIVERSITY OF LEIDEN

DE LEYS, ROBERT J

MOLECULAR BIOLOGY

F32

INSTITUTION TOTAL 1

CITY TOTAL 1

STATE TOTAL 1

UNITED KINGDOM

CAMBRIDGE

MEDICAL RESEARCH COUNCIL--LABORATORY OF MOLECULAR BIOLOGY

CHALFIE, MARTIN L

NEURO/MUSCULAR PHYSIOLOGY

F32

INSTITUTION TOTAL 1

UNIVERSITY OF CAMBRIDGE

EMERSON, VICTOR F

ANIMAL LEARNING AND IMPRINTING

F32

INSTITUTION TOTAL 1

CITY TOTAL 2

LONDON

AGRICULTURAL RESEARCH COUNCIL

SMITH, REX N

REPRODUCTIVE PHYSIOLOGY

F32

INSTITUTION TOTAL 1

CITY TOTAL 1

STATE TOTAL 3

NIH
RESEARCH FELLOWSHIP AWARDS

PROGRAM

FIELD OF INTEREST

APPLICATION NUMBER FELLOW

TOTAL 215

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
CALIFORNIA LCS ANGELES UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES DE00044-01	RIVIERE, GEORGE R	TOOTH TRANSPLANTATION GENETICS AND IMMUNOLOGY	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
LOUISIANA NEW ORLEANS TULANE UNIVERSITY DE00041-01	KLAUITTER, JEROME J	DESIGN CRITERIA FOR DENTAL IMPLANTS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
MASSACHUSETTS BOSTON HARVARD UNIVERSITY DE00051-01 DE00048-01	EVANS, CARLA A SAKAMOTO, SEIZABURO	EXPERIMENTAL FACIAL GROWTH COLLAGENASE IN THE DEGRADATION OF BONE COLLAGEN	K04 K04
INSTITUTION TOTAL	2		
MASSACHUSETTS GENERAL HOSPITAL EY00072-01	MASLAND, RICHARD H	NEUROTRANSMISSION IN MAMMALIAN RETINA	K04
INSTITUTION TOTAL	1		
CITY TOTAL	3		
STATE TOTAL	3		
NEW YORK NEW YORK HOSPITAL FOR SPECIAL SURGERY AM00295-01	LANE, JOSEPH M	MOLECULAR BIOLOGY OF FRACTURE HEALING	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		

NIH
RESEARCH CAREER PROGRAM AWARDS

PROGRAM

PRINCIPAL AREA OF RESEARCH

AWARDEE

GRANT NUMBER

STATE TOTAL

1

NORTH CAROLINA
CHAPEL HILL
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
DE00052-01

KUSY, ROBERT P
NOVEL USES OF MATERIALS FOR HEALTH RESEARCH

K04

INSTITUTION TOTAL

1

CITY TOTAL

1

STATE TOTAL

1

TOTAL

7

DOLLARS
AWARDED

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MEDICAL LIBRARY GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA CAMARILLO CALIFORNIA STATE HEALTH AND WELFARE AGENCY--CAMARILLO STATE HOSPITAL LM02919-01	OATHOUT, MELVIN C	ALTERATION AND RENOVATION OF PROFESSIONAL LIBRARY	16,795
INSTITUTION TOTAL	1		16,795
CITY TOTAL	1		16,795
STATE TOTAL	1		16,795
DIST OF COL WASHINGTON GEORGETOWN UNIVERSITY LM02887-01	CARTER, BOBBY R	DOCHSIN RESOURCE SHARING PROGRAM: MONOGRAPHS	24,575
INSTITUTION TOTAL	1		24,575
CITY TOTAL	1		24,575
STATE TOTAL	1		24,575
INDIANA WEST LAFAYETTE PURDUE UNIVERSITY LM02883-01	MEYER, KENNETH B	VETERINARY MEDICAL INFORMATION SYSTEM	48,023
INSTITUTION TOTAL	1		48,023
CITY TOTAL	1		48,023
STATE TOTAL	1		48,023
MINNESOTA PRINCETON PRINCETON COMMUNITY HOSPITAL LM02973-01	GILLHAM, LANCE P	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	2,999
INSTITUTION TOTAL	1		2,999
CITY TOTAL	1		2,999
STATE TOTAL	1		2,999
NEBRASKA OMAHA CREIGHTON UNIVERSITY LM02878-01	WANNARKA, MARJORIE B	COMMUNITY HEALTH EDUCATION EXTENSION SERVICE II	65,000

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MEDICAL LIBRARY GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	65,000	
CITY TOTAL	1	65,000	
STATE TOTAL	1	65,000	
NEW YORK			
NEW YORK			
CORNELL UNIVERSITY MEDICAL CENTER			
LM02948-01	MEYERHOFF, ERICH	CONSORTIUM FOR A LIBRARY A-V LEARNING PROGRAM	55,000
INSTITUTION TOTAL	1	55,000	
CITY TOTAL	1	55,000	
WINGDALE			
NEW YORK STATE DEPARTMENT OF MENTAL HYGIENE--HARLEM VALLEY PSYCHIATRIC CENTER			
LM02969-01	LEWANDOWSKI, VIRGINIA M	INSTRUCTIONAL MEDIA FOR MENTAL HEALTH NEEDS	20,892
INSTITUTION TOTAL	1	20,892	
CITY TOTAL	1	20,892	
STATE TOTAL	2	75,892	
SOUTH DAKOTA			
VERMILLION			
UNIVERSITY OF SOUTH DAKOTA			
LM02920-01	BRENNEN, PATRICK W	MEDICAL LIBRARY SERVICES DEVELOPMENT PROGRAM	25,226
INSTITUTION TOTAL	1	25,226	
CITY TOTAL	1	25,226	
STATE TOTAL	1	25,226	
UTAH			
OGDEN			
MC KAY-DEE HOSPITAL CENTER			
LM02929-01	SEEGER, MARJORIE J	EXPANSION AND ALTERATION OF HEALTH SCIENCES LIBRARY	19,500
INSTITUTION TOTAL	1	19,500	
CITY TOTAL	1	19,500	
STATE TOTAL	1	19,500	

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DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TOTAL	9		278,010

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